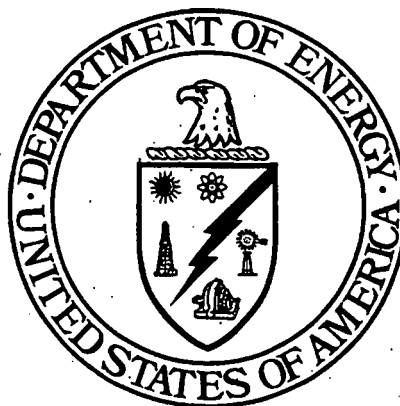


**CERTIFICATION DESIGN LETTER FOR
AREA 2, PHASE I ACTIVE FLYASH PILE
FOOTPRINT AND ADJACENT AREA EAST
OF THE SOUTH CONSTRUCTION ROAD**

**FERNALD ENVIRONMENTAL MANAGEMENT PROJECT
FERNALD, OHIO**



OCTOBER 2000

**U.S. DEPARTMENT OF ENERGY
FERNALD AREA OFFICE**

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LIST OF ACRONYMS AND ABBREVIATIONS

A2PI	Area 2, Phase I
AFP	Active Flyash Pile
ASCOC	area-specific constituent of concern
ASL	analytical support level
BTV	benchmark toxicity value
CDL	Certification Design Letter
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
COC	constituent of concern
CRDL	Contract Required Detection Limit
CU	certification unit
DOE	U.S. Department of Energy
FEMP	Fernald Environmental Management Project
FRL	final remediation level
HPGe	high-purity germanium
IFP	Inactive Flyash Pile
IRDP	Integrated Remedial Design Package (includes the Implementation Plan)
mg/kg	milligram per kilogram
NWU	non-waste unit
OSDF	On-Site Disposal Facility
OU2	Operable Unit 2
OU5	Operable Unit 5
pCi/g	picoCuries per gram
PSP	Project Specific Plan
RI/FS	Remedial Investigation/Feasibility Study
ROD	Record of Decision
RSS	Radiation Scanning System
RTRAK	Radiation Tracking System
SED	Sitewide Environmental Database
SEP	Sitewide Excavation Plan
SCQ	Sitewide CERCLA Quality Assurance Project Plan
SF	South Field
SSOD	Storm Sewer Outfall Ditch
STP	Sewage Treatment Plant
SWU	Southern Waste Unit
UCL	Upper Confidence Limit
WAC	waste acceptance criteria

EXECUTIVE SUMMARY

This Certification Design Letter (CDL) describes the certification approach for the footprint of the Area 2, Phase I (A2PI) former Active Flyash Pile (AFP) and the adjacent area east of the south construction access road. The CDL includes the following information:

- A definition of the boundaries of the area to be certified under this CDL
- A discussion of the area-specific constituent of concern (ASCOC) selection process and a list of ASCOCs
- A presentation of the certification unit (CU) boundaries and proposed sampling strategy
- The analytical requirements and the statistical methodology that will be employed
- The proposed schedule for certification activities.

The scope of this CDL is limited to certification of the former AFP footprint and adjacent areas east of the south construction access road. Remediation of the AFP and adjacent non-waste unit (NWU) impacted material was completed in September 2000, and then the certification process described in this CDL will be initiated.

The certification design presented in this CDL follows the general approach outlined in Section 3.4 of the Sitewide Excavation Plan (SEP, DOE 1998a). The subject areas are well characterized through previous sampling investigations and final remediation level (FRL) scanning with real-time equipment. The selection process for the ASCOCs is accomplished using constituent of concern (COC) lists in the Operable Units 2 and 5 (OU2 and OU5) Records of Decision (ROD, DOE 1995a and 1996), previous investigation data, and process knowledge. A total of six CUs have been defined for this CDL. Total uranium, thorium-228, thorium-232, radium-226, radium-228 (the sitewide primary radiological COCs), arsenic and beryllium (secondary COCs) are considered ASCOCs in each CU. In addition, the following ecological COCs will also be analyzed: antimony, cadmium, molybdenum, and silver. Field sampling is scheduled to begin in Fall 2000, immediately following excavation and precertification, and the Certification Report will be issued within 90 days after sampling is completed.

1.0 INTRODUCTION

This Certification Design Letter (CDL) describes the certification approach in the footprint of the former Area 2, Phase I (A2PI) Active Flyash Pile (AFP) and adjacent non-waste unit (NWU) areas east of the south construction access road (herein referred to as AFP area). The format of this CDL follows guidelines presented in the Sitewide Excavation Plan (SEP, DOE 1998a).

In the Area 1, Phase II Sewage Treatment Plant (STP) project, the excavations filled with water before the CDL was completed and the subsequent samples collected. As a result, an expedited approach to certification is being implemented for the A2PI AFP area. This expedited approach involves submitting the CDL for review prior to completion of final excavation, and approval after precertification.

A2PI consists of the Southern Waste Units (SWUs), which are the Inactive Flyash Pile (IFP), South Field (SF), AFP and the adjacent NWU area as shown in Figure 1-1. A2PI certification will be performed in phases with the first phase consisting of the AFP area. The scope of this CDL is limited to the first phase, the AFP area. The additional phases of certification will encompass the remainder of A2PI, including the footprints of the SF and IFP.

The A2PI AFP certification area is bounded to the north by an east-west swale (fed by Culvert 1) and SWU construction support area, to the east and south by the Storm Sewer Outfall Ditch (SSOD), and the west by the south construction access road. The steep-sloped, tree-covered hillsides east of the AFP drain into the SSOD. The current topography as of October 2000 is depicted in Figure 1-2. The A2PI AFP certification area is approximately 6 acres.

Within the certification area there will be several remediated footprints: the AFP, two north-south ditches (Ditch 9 and 10), and one retention basin (Basin 3).

The Fernald Environmental Management Project (FEMP) Controlled Certification Map (Figure 1-3), which shows the certification status for the entire FEMP, is included with this CDL in order to assist in tracking overall progress.

1.1 OBJECTIVES

The primary objectives of this CDL are as follows:

- Define the boundaries (including excavation boundaries) of the area to be certified under this CDL
- Present maps for historical data and newly acquired real-time data
- Discuss the area-specific constituent of concern (ASCOC) selection process and present a list of ASCOCs
- Present the certification unit (CU) boundaries and proposed sampling strategy
- Summarize the analytical requirements and the statistical methodology that will be employed
- Present the proposed schedule for the certification activities.

1.2 SCOPE

The scope of this CDL is the certification of the AFP area which consists of six CUs: two for the former AFP footprint, one for the ditches and Basin 3 footprint, and three for the area immediately surrounding the AFP footprint. The CU design is shown in Figure 4-1, and a description of each CU is provided in Section 4.1.

This CDL does not cover the certification of the soil beneath the basin transfer lines and the groundwater transfer lines which transect the AFP certification area just south of Basin 3 and east of the AFP footprint. The CDL also excludes the certification of the soil beneath the south construction road as well as the immediate soil around well house 16 and injection/extraction well house. Further remediation of the soil near the well houses is necessary to remove flyash and radiologically contaminated soil at sample location A2P1-NWU-25. The certification of these soils, depicted in Figure 1-4, will be conducted in the remaining A2PI certification phases or as part of Area 10 certification.

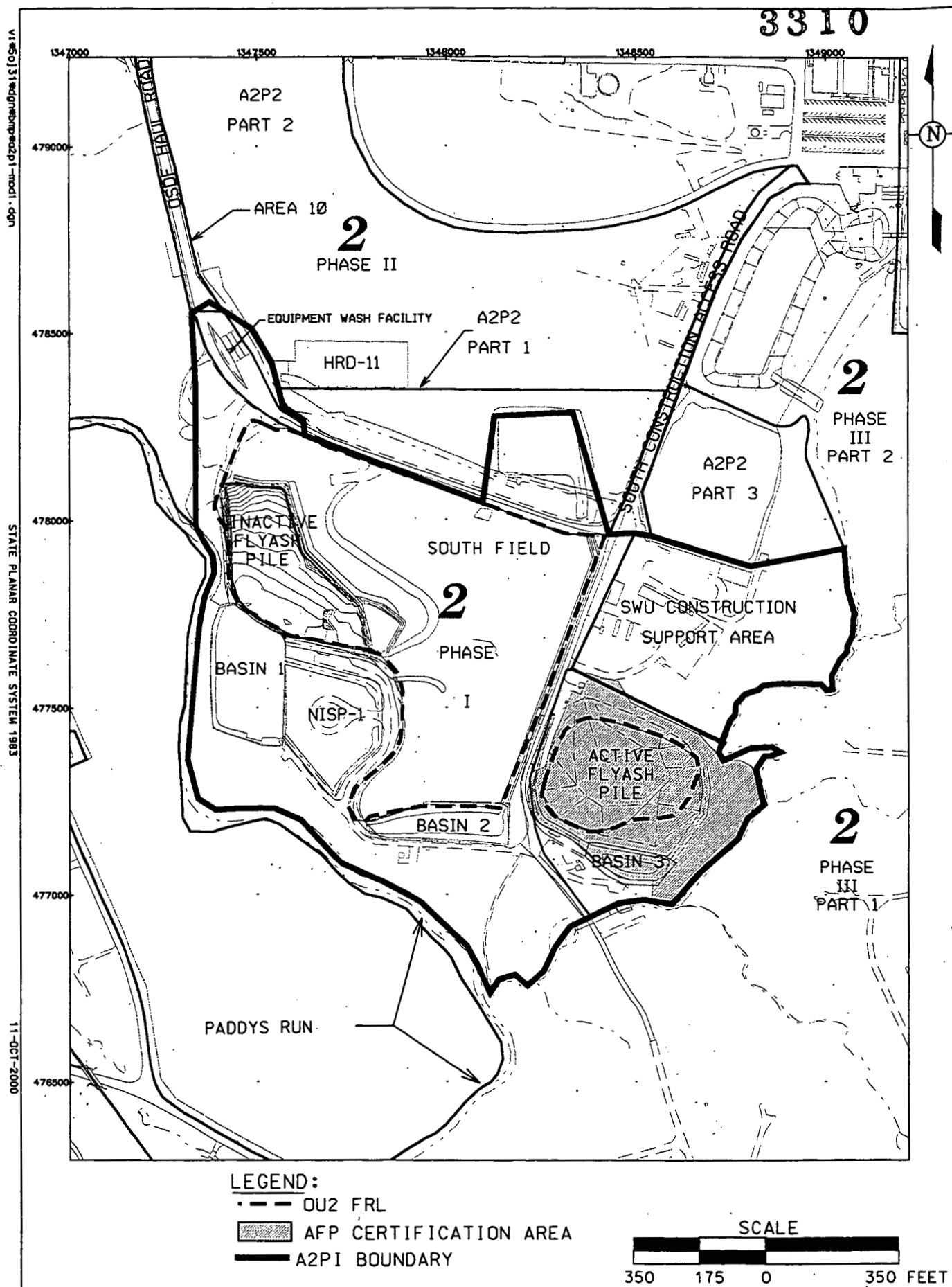


FIGURE 1-1. A2P1 MODIFIED BOUNDARY MAP
(EXCLUDES CONSTRUCTION SUPPORT AREA AND UTILITY CORRIDOR)

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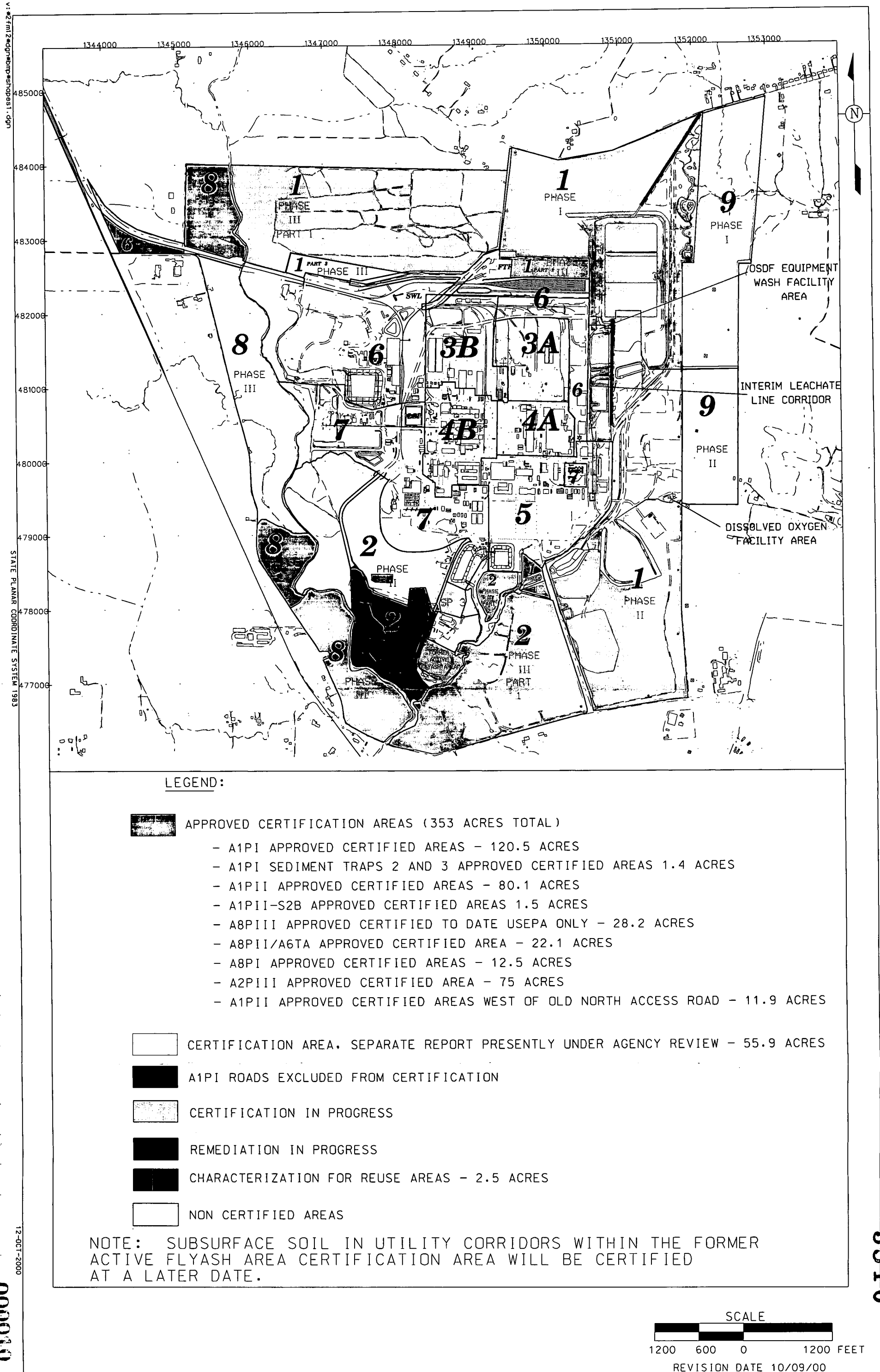


FIGURE 1-3. FEMP CONTROLLED CERTIFICATION MAP

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STATE PLANNING COORDINATE SYSTEM 1983

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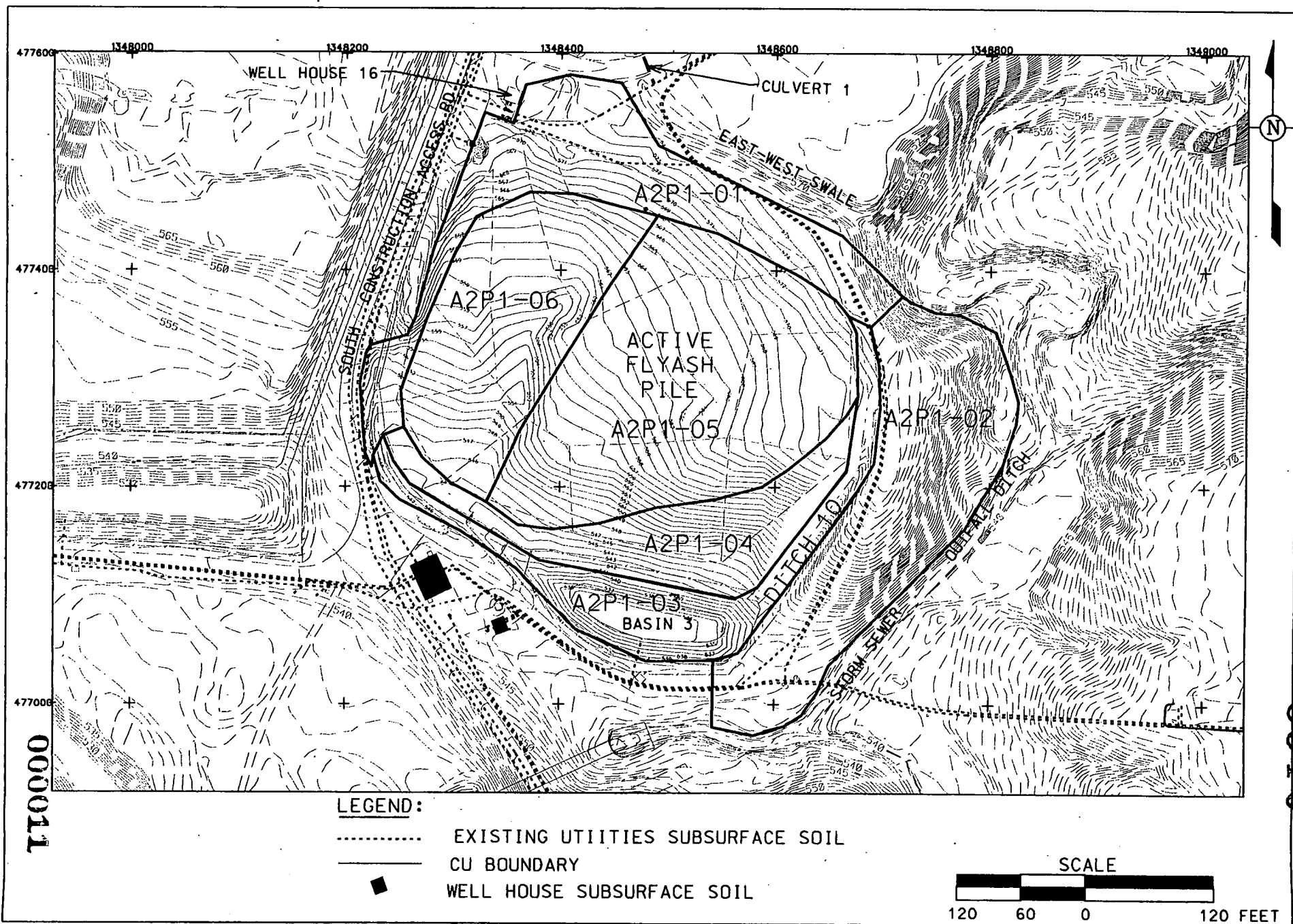


FIGURE 1-4. A2PI AFP SUBSURFACE SOIL EXCLUDED FROM CERTIFICATION

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2.0 HISTORICAL SOIL CONTAMINATION DATA

In accordance with the SEP, all soil demonstrating contamination above the associated final remediation levels (FRLs) or other applicable action levels must be evaluated for remedial actions prior to conducting precertification and certification activities.

In addition to the SWU site preparation investigation data, the Remedial Investigation Reports (RI, DOE 1995b and 1995c) and Feasibility Study Reports (FS, DOE 1995d and 1995e) for Operable Units 2 and 5 (OU2 and OU5) were used for remedial design of the AFP area. Also, final grade excavation monitoring and NWU real-time scanning and sampling data have been collected pursuant to the RI/FS and remedial activities.

Before initiating certification, all historical soil data, within the AFP certification area, were pulled from the Sitewide Environmental Database (SED). The data is summarized in the following sections.

2.1 RI/FS AND SITE PREPARATION DATA

Figure 2-1 shows all above-FRL sample locations within the A2PI AFP certification area prior to remediation. The results from these borings for primary and secondary constituents of concern (COCs) are presented in Appendix A along with all below-FRL data. Table 2-1 summarizes the data, including the rationale for retaining certain secondary ASCOCs originally assigned to Remediation Areas 2 and 5 (Table 2-7 from the SEP) for certification sampling.

Besides the assigned COCs for Remediation Areas 2 and 5, other COCs with above-FRL, non-detect concentrations include 1,2-Dichloroethane, 3,3-Dichlorobenzidine, N-nitroso-di-n-propylamine and vinyl chloride. Similar to the organic non-detects summarized in Table 2-1, the contract required detection limit (CRDL) is greater than the FRL.

Real-time measurements and physical soil samples were collected prior to installation of the storm water runoff ditches and retention basins around the AFP. The real-time measurements were collected to assess On-Site Disposal Facility (OSDF) waste acceptance criteria (WAC) and FRL attainment. Readiness and characterization for reuse soil sampling in the footprint of Basin 3 resulted in above-FRL (impacted) excavation to 1 foot in depth in the basin. Below-FRL, non-impacted excavation continued

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beyond 1 foot until design depths for Basin 3 were attained. The results of these scanning and characterization for reuse data are summarized in Appendix D of the A2PI Implementation Plan (IRDP, DOE 1998b).

2.2 ADDITIONAL SAMPLING/MEASUREMENT DATA

Two additional investigations have been conducted in the A2PI AFP area pursuant to the RI/FS and site preparation phases:

- Final grade excavation monitoring in the AFP
- Predesign scanning and sampling in the AFP NWU area.

The Radiation Tracking System (RTRAK) was used to collect information about surface soil radiological contamination patterns. Supplemental Radiation Scanning System (RSS) and high-purity germanium (HPGe) detector measurements were collected using the no overlap option (per the User Guidelines, Measurement Strategies, and Operational Factors for Deployment of In Situ Gamma Spectrometry at the Fernald Site, hereafter referred to as the User's Manual) to ensure that any areas of elevated contamination were not missed. Physical samples were collected with Geoprobe® and hand-auger equipment per the Project Specific Plan (PSP) for Predesign Sampling in the A2PI NWU and Area 2, Phase II Part One (DOE 1999). Details on the use and capabilities of the RTRAK, the RSS, and the HPGe are provided in the PSP as well as in the User's Manual (DOE 1998c) and the Sitewide Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) Quality Assurance Project Plan (SCQ) Addendum (DOE 1998d).

2.2.1 Final Grade Excavation Monitoring

The AFP excavation limits were designed based on historical RI/FS data. In February 2000, after remedial activities were completed to the design limits in the majority of the AFP (excluding visible flyash along the outer perimeters and in the northwest corner), final grade excavation monitoring scans were performed to determine if total uranium concentrations were reasonably close to the FRLs. A map of total activity concentrations (Figure 2-2) was evaluated to determine locations for total uranium HPGe measurements. The HPGe measurements are depicted in Figure 2-3 along with the associated total uranium concentration.

The elevated total uranium locations in the west portion of the AFP (AFP-5, -6, and -7-G were excavated with the remaining, visible flyash. A 40-foot by 40-foot, 6-inch excavation around AFP-3-G was conducted along with continued excavation beyond these areas over the entire AFP footprint. Precertification scanning of the former AFP footprint was conducted per the PSP for the A2PI Precertification Real-Time Scan (DOE 2000). After removal of the geotextile in Basin 3 and Ditch 9, precertification scanning was conducted along with sampling over the clay liner and soil.

2.2.2 Predesign Scanning/Sampling in AFP NWU

Predesign data was collected in accordance with the guidelines established in Section 3.1.2 of the SEP. Preliminary predesign data collected in the adjacent area immediately surrounding the former AFP, have identified impacted materials requiring remediation. Summary data tables, including real-time coverage and soil sample location maps, are located in Appendix B.

All the predesign real-time scan data for total uranium and thorium-232 were below the FRL. Three HPGe measurements east of the AFP footprint (A2P1-NWU-90, -91, and -104) were greater than one times the FRL for the radium-226 but less than two times the FRL. Confirmation HPGe measurements were collected (A2P1-NWU-116, -117, and -118), with the results confirming that these locations were not hot spots requiring remediation.

Only one location (A2P1-NWU-25) has analytical results greater than the FRL. This location has above-FRL concentrations for radium-226, radium-228, thorium-228 and thorium-232. Excavation of this above-FRL location to a 2-foot depth will coincide with removal of the road corridor; thus, this area is not part of the AFP area certification. Additional flyash removal was also conducted along the northern and western perimeters of the AFP footprint. After excavation of the visibly impacted material and above-FRL concentration areas, precertification scanning of excavated/disturbed areas was conducted per the A2PI Precertification Real-Time Scan PSP.

2.3 PRECERTIFICATION DATA

According to guidelines established in Section 3.3.3 of the SEP, precertification activities were conducted to evaluate residual radiological contamination patterns. During precertification, a surface radiation survey was conducted over the accessible areas which are excavated or not scanned during predesign.

The AFP area precertification Phase I RTRAK/RSS scans showed distinguishable total activity patterns but none with a range of concentrations high enough to warrant separate CU concentrations. No potential "hot spots" were identified in the entire AFP area. In the OU2 FRL area, two of the highest RTRAK and two of the highest RSS total activity patterns were further evaluated in Phase I HPGe measurements to assess the lower (10 parts per million) total uranium FRL. In addition, three of the highest RTRAK/RSS total uranium locations were further evaluated to assess FRLs. Also, a 2.56 pCi/g radium-226 result was further investigated with a Phase I HPGe measurement. All 13 of the additional Phase I HPGe measurements are below two times the FRL. Four physical soil samples were collected for total uranium analysis from the bottom surface of Basin 3 since the bottom was too wet to real-time scan. All these samples are below FRL. All precertification data is presented in Appendix C to this CDL.

The total population of the data used to support the conclusion that the area is ready for certification will consist of predesign data for areas that required no remedial action and precertification data from the remediated footprints.

TABLE 2-1
AREA 2 SECONDARY ASCOC LIST

Area 2 Secondary ASCOC	Number of Above-FRL Hits	Number of Samples	Retained as ASCOC	Reason for Not Retaining as ASCOC
Aroclor-1254 and 1260	23	102	No	All hits are non-detections with CRDLs greater than the FRL. Compound not expected in area and no unusual odors or organics encountered during AFP excavation
Arsenic	30	91	Yes	N/A
Benzo(a)pyrene	0	59	No	No hits at or greater than FRL
Beryllium	26	48	Yes	N/A
Bromodichloromethane	0	29	No	No hits at or greater than FRL
Cesium-137	0	76	No	No hits at or greater than FRL
Dibenzo(a,h)anthracene	0	59	No	No hits at or greater than FRL
1,1-dichloroethene	5	65	No	All hits are non-detections with CRDLs greater than the FRL. Compound not expected in area and no unusual odors or organics encountered during AFP excavation
Dieldrin	16	63	No	All hits are non-detections with CRDLs greater than the FRL. Compound not expected in area and no unusual odors or organics encountered during AFP excavation
Lead	0	91	No	No hits at or greater than FRL
Neptunium-237	1	55	No	The above-FRL sample is within the flyash and will be remediated. In addition, the sample at same location within the soil beneath flyash is below FRL (sample ID 011010)
Technetium-99	0	68	No	No hits at or greater than FRL
Thorium-230	0	75	No	No hits at or greater than FRL

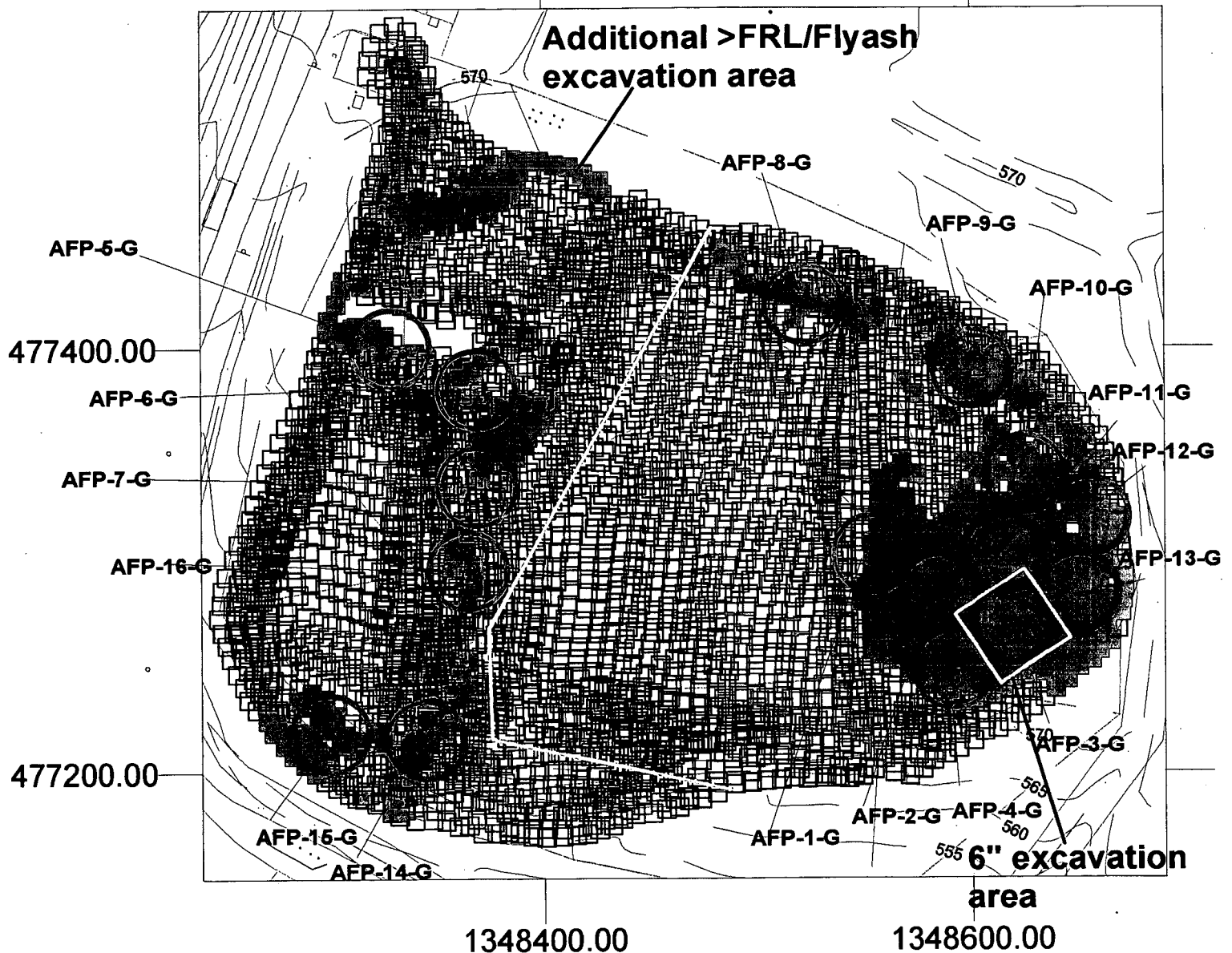


Figure 2-2

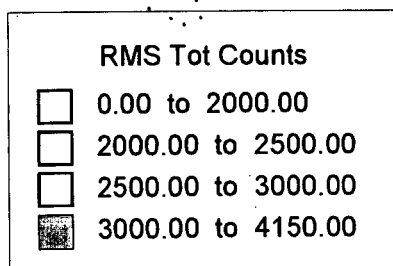
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A2P1 Active Flyash Pile Final Grade Scan- Total Gross Counts per Second

RTRK batch # 0774,0775
RSS1 batch # 0515
HPGe #31265,31144
Single Spectrum in ppm
Coverage Plot (Field of View to Scale)
Measurement Dates: 12/07/99-02/29/00



HPGe shown for coverage only



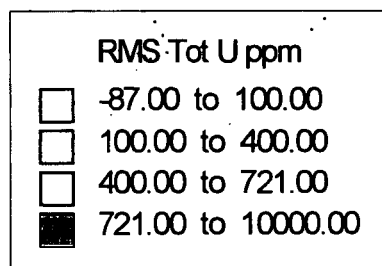
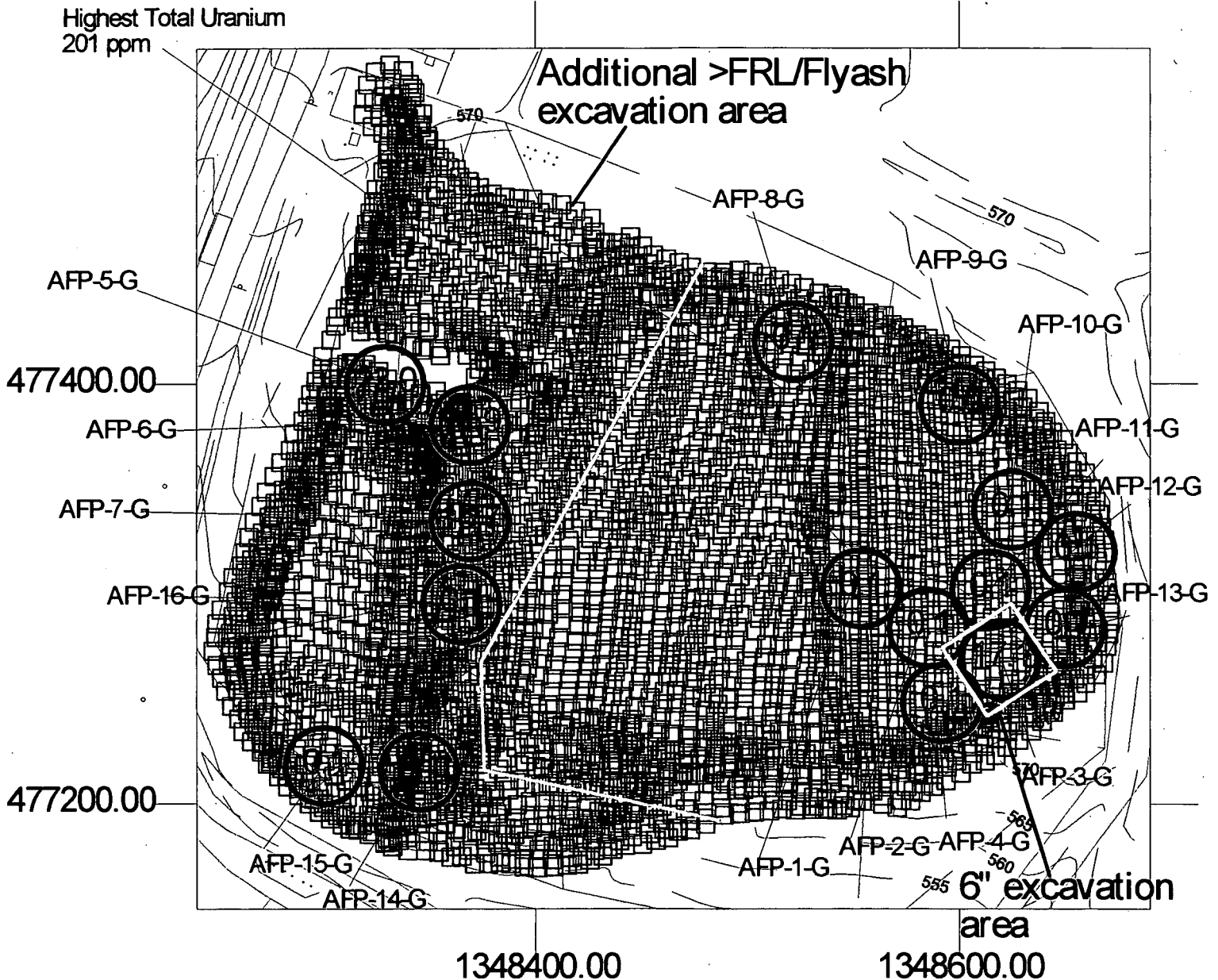
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Project Name: Excavation Char. of IFP
Project Number: 20300-PSP-0004
Prepared By: Brian McDaniel
File Name: AFP_FG_TC_1PT_MC.srf
Date Prepared: 04/05/00

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Figure 2-3 3310

A2P1 Active Flyash Pile Final Grade Scan- Moisture Corrected Total Uranium

RTRK batch # 0774,0775
RSS1 batch # 0515
HPGe #31265,31144
Single Spectrum in ppm
Coverage Plot (Field of View to Scale)
Measurement Dates: 12/07/99-02/29/00



RTIMP DWG Title: AFP-FG-TU-1PT-MC.srf
Project Name: Excavation Char. of IFP
Project Number: 20300-PSP-0004
Prepared By: Brian McDaniel
File Name: AFP_FG_TU_1PT_MC.srf
Date Prepared: 04/05/00

○ Circle represents HPGe locations, number represents ppm Total Uranium

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3.0 AREA-SPECIFIC CONSTITUENTS OF CONCERN

In the OU5 Record of Decision (ROD, DOE 1996), there are 80 soil COCs with established FRLs which were retained for further investigation based on a screening process that considered the presence of the constituent in site soil and the potential risk to a receptor exposed to soil containing this constituent. In spite of the conservative nature of this COC retention process, many of the COCs with established FRLs have a limited distribution in site soil or the presence of the COC is based on high CRDLs. When the FRLs were established for these COCs in the OU5 ROD, they were initially screened against site data presented on spatial maps to establish a picture of potential remediation areas.

By reviewing existing RI/FS data presented on spatial distribution maps, the sitewide list of soil COCs was reduced from 80 to 30. This reduction was possible because the majority of the COCs with FRLs listed in the OU5 ROD have no detections on site above their corresponding FRL, thus eliminating them from further consideration. The 30 remaining sitewide COCs account for over 99 percent of the combined risk to a site receptor model, and they comprise the list from which all of the remediation ASCOCs are drawn. When planning certification for a remediation area, additional selection criteria are used to derive an area specific subset of these 30 COCs.

3.1 SELECTION CRITERIA

The selection process for retaining ASCOCs for a remediation area is driven by applying a set of decision criteria. A soil constituent will be retained as an ASCOC if:

- It is listed as a soil COC in the OU5 ROD
- It can be traced to site use, either through process knowledge or known release of the constituent to the environment
- Analytical results indicate the constituent is present above its FRL, and the above-FRL concentrations are not attributable to false positives or elevated CRDLs
- Physical characteristics of the contaminant, such as degradation rate and volatility, indicate it is likely to persist in the soil between time of release and remediation
- The contaminant is one of the sitewide primary COCs (total uranium, radium-226, radium-228, thorium-232, and thorium-232).

Using this process, the ASCOCs are identified and listed in Table 3-1 along with the ecological COCs required for the AFP area (per Appendix C of the SEP). The ecological COCs are added to the list of analytes, but certification is not contingent on benchmark toxicity value (BTV) exceedences.

TABLE 3-1
ASCOC LIST FOR ALL CUs

ASCOC	FRL	Reason Retained
Total Uranium	82 mg/kg (10 mg/kg for CU A2P1-AFP-05 and -06)	Retained as a primary ASCOC sitewide
Radium-226	1.7 pCi/g	Retained as a primary ASCOC sitewide
Radium-228	1.8 pCi/g	Retained as a primary ASCOC sitewide
Thorium-228	1.7 pCi/g	Retained as a primary ASCOC sitewide
Thorium-232	1.5 pCi/g	Retained as a primary ASCOC sitewide
Arsenic	12 mg/kg	Retained as a secondary ASCOC per the discussion in Table 2-1
Beryllium	1.5 mg/kg	Retained as a secondary ASCOC per the discussion in Table 2-1
Antimony	10 mg/kg	Retained as an ecological ASCOC
Cadmium	5 mg/kg	Retained as an ecological ASCOC
Molybdenum	10 mg/kg	Retained as an ecological ASCOC
Silver	10 mg/kg	Retained as an ecological ASCOC

mg/kg - milligrams per kilogram

pCi/g - picoCuries per gram

4.0 CERTIFICATION APPROACH

4.1 CERTIFICATION DESIGN

The certification design for the AFP area follows the general approach outlined in Section 3.4 of the SEP. As discussed in Section 3.0 of this document, total uranium, thorium-228, thorium-232, radium-226, radium-228 (the primary ASCOCs), arsenic and beryllium (secondary ASCOCs) will be retained in all CUs. Antimony, cadmium, molybdenum and silver will be retained in each CU as ecological COCs.

4.1.1 Certification Unit Design

The AFP certification area consists of the following and is depicted in Figure 4-1:

- Two Group 1 CUs with the OU2 total uranium FRL: two for the footprint of the former AFP (A2P1-AFP-C-5 and -6)
- Four Group 1 CUs with the OU5 total uranium FRL:
 - Footprint soils of site prep Ditches 9 and 10 and Basin 3 (A2P1-AFP-C-3)
 - Adjacent perimeter soils which extend to the upper bank of the SSOD (A2P1-AFP-C-1, -2, and -4).

The CUs bounded by the SSOD and the unnamed tributaries extend only partially down the side banks to allow for potential backup during extreme rain events and flooding. The SSOD streambeds and lower side banks are excluded from this certification event and will be certified at a later date with the dirty corridors.

Since the run-on berm separating the south construction road from the AFP excavation footprint was modified, the CU designs were re-evaluated from the previous draft of the CDL. One CU was eliminated from the draft CDL based on the final topography of the excavation and the change in remediation strategy near the well houses, specifically near sample location A2P1-NWU-25.

4.2 ANALYTICAL METHODOLOGY AND STATISTICAL ANALYSIS

Laboratory analyses of certification samples will be conducted using an approved analytical method, as discussed in Appendix H of the SEP. Analyses will be conducted to either Analytical Support Level

(ASL) D or E. All requirements for ASL E are the same as ASL D, except that the minimum detection level for the selected analytical method must be at least 10 percent of the FRL. All results will be validated to ASL B, and a minimum of 10 percent (one of the seven CUs) of the results will be validated to ASL D. The CU to be validated to ASL D (A2P1-AFP-C-5) is randomly selected. Samples rejected during validation will be re-analyzed, or an alternate sample may be collected and substituted if there is insufficient material available from the initial sample. If any sample fails validation, all data from the laboratory with the rejected result will then be validated to ASL D to determine the integrity of all data from that laboratory. Once data are validated, results will be entered into the SED, and a statistical analysis will be performed to evaluate the pass/fail criteria for the each CU. The statistical approach is discussed in Section 3.4.3 and Appendix G of the SEP.

Two criteria must be met for the CU to pass certification. If the data distribution is normal or lognormal, the first criterion compares the 95 percent Upper Confidence Limit (UCL), on the mean of each primary ASCOC, to its FRL. On an individual CU basis, any ASCOC with the 95 percent UCL above the FRL results in that CU failing certification. If the data distribution is not normal or lognormal, the appropriate nonparametric approach discussed in Appendix G of the SEP will be used to evaluate the second criterion. The second criterion is related to individual samples. An individual sample cannot be greater than two times the FRL or three times the FRL, based on its size (see Figure 3-11 of the SEP for further details). When the given UCL on the mean for each ASCOC is less than its FRL, and the two-times FRL hot spot criterion is met, the CU has met both criteria and will be considered certified.

There are three conditions that could result in a CU failing certification: 1) high variability in the data set, 2) localized contamination, and 3) widespread contamination. Details on the evaluation and responses to these possible outcomes are provided in Section 3.4.5 of the SEP. When all CUs within the scope of this CDL have passed certification, a certification report will be issued. The certification report will be submitted to the regulatory agencies to receive acknowledgment that the pertinent operable unit remedial actions were completed and the individual CUs are certified to be released for interim or final land use. Section 7.4 of the SEP provides additional details and describes the required content of the certification reports.

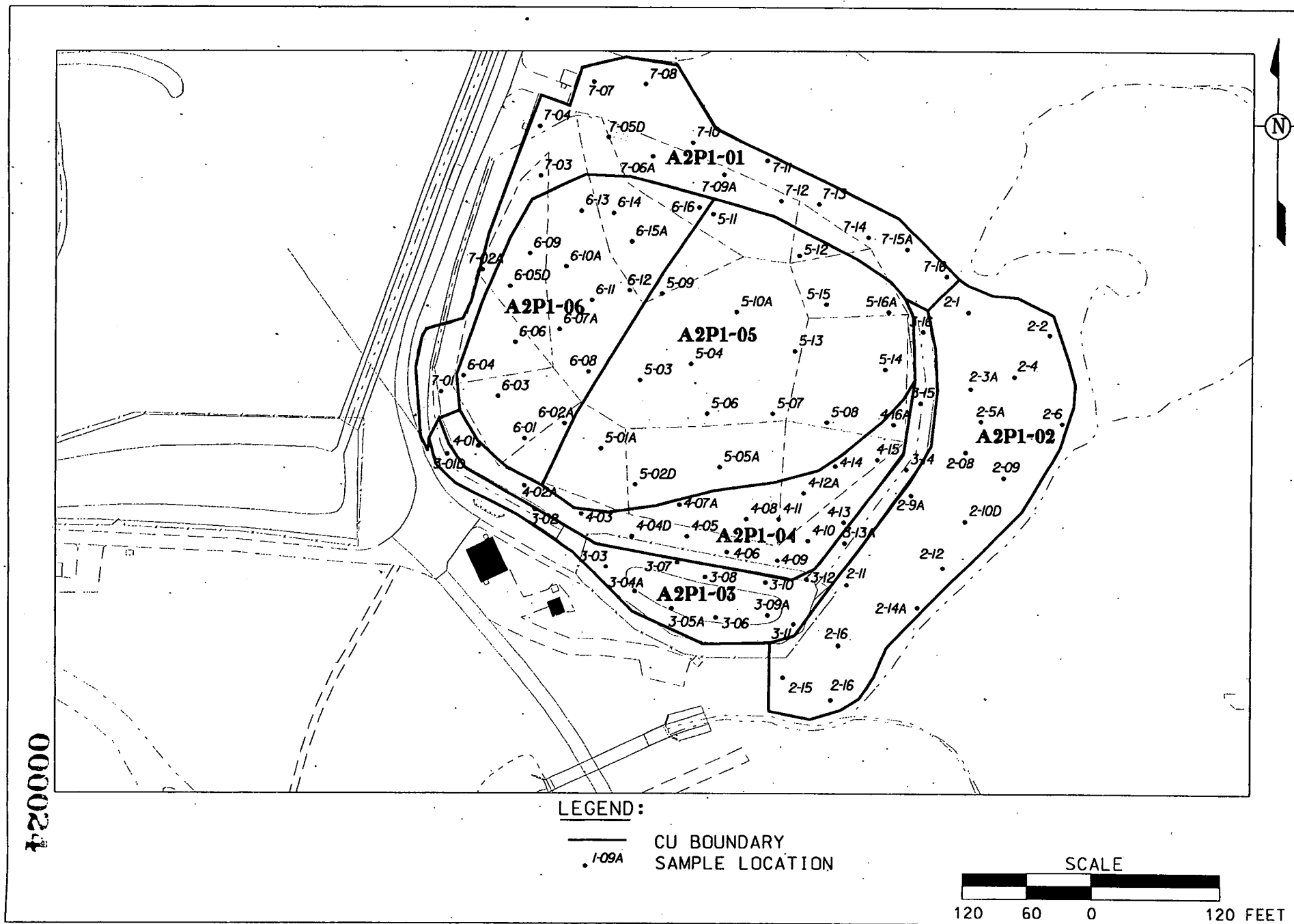


FIGURE 4-1. A2P1 AFP AREA CU SAMPLE LOCATIONS

5.0 SCHEDULE

The following draft schedule shows key activities for the completion of the work within the scope of this CDL.

<u>ACTIVITY</u>	<u>TARGET DATE</u>
Submittal of Certification Design Letter	May 3, 2000 *
Start of Certification Sampling	October 23, 2000
Complete Certification Sampling	November 9, 2000
Complete Analytical Work	December 20, 2000
Complete Data Validation/Statistical Analysis	January 19, 2001
Submit Certification Report	January 26, 2001

- * Only the dates for submittal of the CDL and Certification Report are commitments to the U.S. Environmental Protection Agency and the Ohio Environmental Protection Agency. Other dates are internal target completion dates. In addition, the Certification Report date is contingent on completion of excavation and Agency review of precertification data. If excavation and precertification are not complete prior to the expected start of sampling, the submittal date for the Certification Report will be adjusted.

REFERENCES

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APPENDIX A

RI/FS HISTORICAL DATA

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**APPENDIX A
VALIDATED ABOVE-FRL DATA**

Parameter	Sampling Program	Sample ID	Northing	Easting	Result	Qualifier	Units	FRL	Units	Top Depth	Bottom Depth
1,1-Dichloroethene	RI/FS	112157	477309.74	1348528.82	1500	UJ	ug/kg	410	ug/kg	24	26
1,2-Dichloroethane	RI/FS	112157	477309.74	1348528.82	1500	U	ug/kg	160	ug/kg	24	26
3,3'-Dichlorobenzidine	UNKNOWN	067184	477272.52	1348486.90	780	U	ug/kg	550	ug/kg	29	30.5
3,3'-Dichlorobenzidine	UNKNOWN	067218	477269.05	1348361.98	800	UJ	ug/kg	550	ug/kg	41.5	43
3,3'-Dichlorobenzidine	UNKNOWN	067193	477269.05	1348361.98	820	U	ug/kg	550	ug/kg	4.5	6
3,3'-Dichlorobenzidine	UNKNOWN	067506	477443.68	1348419.22	820	U	ug/kg	550	ug/kg	9.5	12
3,3'-Dichlorobenzidine	UNKNOWN	067505	477443.68	1348419.22	840	U	ug/kg	550	ug/kg	6	7.5
3,3'-Dichlorobenzidine	UNKNOWN	067711	477250.80	1348484.51	840	U	ug/kg	550	ug/kg	13.5	15
3,3'-Dichlorobenzidine	UNKNOWN	067155	477346.84	1348570.61	840	UJ	ug/kg	550	ug/kg	18	19.5
3,3'-Dichlorobenzidine	UNKNOWN	067503	477443.68	1348419.22	850	U	ug/kg	550	ug/kg	1.5	3
3,3'-Dichlorobenzidine	UNKNOWN	067706	477250.80	1348484.51	850	UJ	ug/kg	550	ug/kg	6	7.5
3,3'-Dichlorobenzidine	UNKNOWN	067173	477272.52	1348486.90	870	U	ug/kg	550	ug/kg	13.5	15
3,3'-Dichlorobenzidine	UNKNOWN	067167	477272.52	1348486.90	890	U	ug/kg	550	ug/kg	4.5	6
3,3'-Dichlorobenzidine	UNKNOWN	067201	477269.05	1348361.98	900	U	ug/kg	550	ug/kg	16	17.5
3,3'-Dichlorobenzidine	UNKNOWN	067149	477346.84	1348570.61	990	UJ	ug/kg	550	ug/kg	9	10.5
Aroclor-1254	CIS	PS-25-009	477032.62	1348465.24	180	U	ug/kg	130	ug/kg		
Aroclor-1254	UNKNOWN	067184	477272.52	1348486.90	190	U	ug/kg	130	ug/kg	29	30.5
Aroclor-1254	UNKNOWN	067218	477269.05	1348361.98	190	U	ug/kg	130	ug/kg	41.5	43
Aroclor-1254	UNKNOWN	067193	477269.05	1348361.98	200	U	ug/kg	130	ug/kg	4.5	6
Aroclor-1254	UNKNOWN	067505	477443.68	1348419.22	200	U	ug/kg	130	ug/kg	6	7.5
Aroclor-1254	UNKNOWN	067506	477443.68	1348419.22	200	U	ug/kg	130	ug/kg	9.5	12
Aroclor-1254	UNKNOWN	067155	477346.84	1348570.61	200	UJ	ug/kg	130	ug/kg	18	19.5
Aroclor-1254	UNKNOWN	067173	477272.52	1348486.90	210	U	ug/kg	130	ug/kg	13.5	15
Aroclor-1254	UNKNOWN	067503	477443.68	1348419.22	210	U	ug/kg	130	ug/kg	1.5	3
Aroclor-1254	UNKNOWN	067167	477272.52	1348486.90	220	U	ug/kg	130	ug/kg	4.5	6
Aroclor-1254	UNKNOWN	067201	477269.05	1348361.98	220	U	ug/kg	130	ug/kg	16	17.5
Aroclor-1254	UNKNOWN	067149	477346.84	1348570.61	250	UJ	ug/kg	130	ug/kg	9	10.5
Aroclor-1260	UNKNOWN	067184	477272.52	1348486.90	190	U	ug/kg	130	ug/kg	29	30.5
Aroclor-1260	UNKNOWN	067218	477269.05	1348361.98	190	U	ug/kg	130	ug/kg	41.5	43
Aroclor-1260	UNKNOWN	067193	477269.05	1348361.98	200	U	ug/kg	130	ug/kg	4.5	6
Aroclor-1260	UNKNOWN	067505	477443.68	1348419.22	200	U	ug/kg	130	ug/kg	6	7.5
Aroclor-1260	UNKNOWN	067506	477443.68	1348419.22	200	U	ug/kg	130	ug/kg	9.5	12
Aroclor-1260	UNKNOWN	067155	477346.84	1348570.61	200	UJ	ug/kg	130	ug/kg	18	19.5

**APPENDIX A
VALIDATED ABOVE-FRL DATA**

Parameter	Sampling Program	Sample ID	Northing	Easting	Result	Qualifier	Units	FRL	Units	Top Depth	Bottom Depth
Aroclor-1260	UNKNOWN	067173	477272.52	1348486.90	210	U	ug/kg	130	ug/kg	13.5	15
Aroclor-1260	UNKNOWN	067503	477443.68	1348419.22	210	U	ug/kg	130	ug/kg	1.5	3
Aroclor-1260	UNKNOWN	067167	477272.52	1348486.90	220	U	ug/kg	130	ug/kg	4.5	6
Aroclor-1260	UNKNOWN	067201	477269.05	1348361.98	220	U	ug/kg	130	ug/kg	16	17.5
Aroclor-1260	UNKNOWN	067149	477346.84	1348570.61	250	UJ	ug/kg	130	ug/kg	9	10.5
Arsenic	RI/FS	112248	477224.32	1348641.68	13.2	-	mg/kg	12	mg/kg	0	0.5
Arsenic	RI/FS	112181	477395.53	1348495.36	14	J	mg/kg	12	mg/kg	19	21
Arsenic	REMEDIAL ACT	AFP-B-C-8-M	477130.99	1348344.00	16.9	-	mg/kg	12	mg/kg	1	1.5
Arsenic	RI/FS	112161	477395.53	1348495.36	16.9	J	mg/kg	12	mg/kg	2	4
Arsenic	RI/FS	112180	477395.53	1348495.36	18.7	J	mg/kg	12	mg/kg	17	19
Arsenic	UNKNOWN	067193	477269.05	1348361.98	19.4	-	mg/kg	12	mg/kg	4.5	6
Arsenic	RI/FS	112092	477270.90	1348424.39	23.2	-	mg/kg	12	mg/kg	2	4
Arsenic	RI/FS	112249	477353.66	1348669.64	27.2	-	mg/kg	12	mg/kg	0	0.5
Arsenic	RI/FS	112264	477204.08	1348281.83	37	-	mg/kg	12	mg/kg	0	0.5
Arsenic	RI/FS	112251	477414.67	1348588.29	50.4	-	mg/kg	12	mg/kg	0	0.5
Arsenic	UNKNOWN	067505	477443.68	1348419.22	51	-	mg/kg	12	mg/kg	6	7.5
Arsenic	UNKNOWN	067167	477272.52	1348486.90	51.1	-	mg/kg	12	mg/kg	4.5	6
Arsenic	RI/FS	112259	477350.83	1348368.24	53.1	-	mg/kg	12	mg/kg	0	0.5
Arsenic	RI/FS	112167	477395.53	1348495.36	55.6	J	mg/kg	12	mg/kg	8	10
Arsenic	RI/FS	112252	477251.96	1348341.16	64.2	-	mg/kg	12	mg/kg	0	0.5
Arsenic	UNKNOWN	067503	477443.68	1348419.22	64.7	-	mg/kg	12	mg/kg	1.5	3
Arsenic	UNKNOWN	067201	477269.05	1348361.98	65.5	-	mg/kg	12	mg/kg	16	17.5
Arsenic	UNKNOWN	067173	477272.52	1348486.90	66.1	-	mg/kg	12	mg/kg	13.5	15
Arsenic	UNKNOWN	067149	477346.84	1348570.61	66.5	-	mg/kg	12	mg/kg	9	10.5
Arsenic	RI/FS	112257	477312.86	1348636.13	69.1	-	mg/kg	12	mg/kg	0	0.5
Arsenic	RI/FS	112145	477309.74	1348528.82	75.9	-	mg/kg	12	mg/kg	13	15
Arsenic	RI/FS	112130	477309.74	1348528.82	79.3	-	mg/kg	12	mg/kg	2	4
Arsenic	RI/FS	112258	477384.73	1348571.91	82.8	-	mg/kg	12	mg/kg	0	0.5
Arsenic	RI/FS	112117	477270.90	1348424.39	87.8	-	mg/kg	12	mg/kg	20	22
Arsenic	RI/FS	112255	477265.40	1348609.79	89.4	-	mg/kg	12	mg/kg	0	0.5
Arsenic	RI/FS	112129	477309.74	1348528.82	94.8	-	mg/kg	12	mg/kg	0	2
Arsenic	RI/FS	112160	477395.53	1348495.36	115	J	mg/kg	12	mg/kg	0	2
Arsenic	RI/FS	112254	477229.95	1348473.97	129	-	mg/kg	12	mg/kg	0	0.5

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**APPENDIX A
VALIDATED ABOVE-FRL DATA**

Parameter	Sampling Program	Sample ID	Northing	Easting	Result	Qualifier	Units	FRL	Units	Top Depth	Bottom Depth
Arsenic	RI/FS	112091	477270.90	1348424.39	145	-	mg/kg	12	mg/kg	0	1.5
Beryllium	RI/FS	112241	477170.36	1348501.23	1.9	-	mg/kg	1.5	mg/kg	0	0.5
Beryllium	RI/FS	112264	477204.08	1348281.83	2	-	mg/kg	1.5	mg/kg	0	0.5
Beryllium	RI/FS	112249	477353.66	1348669.64	2.1	-	mg/kg	1.5	mg/kg	0	0.5
Beryllium	RI/FS	112161	477395.53	1348495.36	2.3	-	mg/kg	1.5	mg/kg	2	4
Beryllium	RI/FS	112092	477270.90	1348424.39	2.4	-	mg/kg	1.5	mg/kg	2	4
Beryllium	UNKNOWN	067193	477269.05	1348361.98	2.4	-	mg/kg	1.5	mg/kg	4.5	6
Beryllium	RI/FS	112117	477270.90	1348424.39	2.5	-	mg/kg	1.5	mg/kg	20	22
Beryllium	UNKNOWN	067503	477443.68	1348419.22	2.6	-	mg/kg	1.5	mg/kg	1.5	3
Beryllium	UNKNOWN	067149	477346.84	1348570.61	2.8	-	mg/kg	1.5	mg/kg	9	10.5
Beryllium	RI/FS	112252	477251.96	1348341.16	3	-	mg/kg	1.5	mg/kg	0	0.5
Beryllium	UNKNOWN	067201	477269.05	1348361.98	3	-	mg/kg	1.5	mg/kg	16	17.5
Beryllium	RI/FS	112251	477414.67	1348588.29	3.1	-	mg/kg	1.5	mg/kg	0	0.5
Beryllium	RI/FS	112167	477395.53	1348495.36	3.8	-	mg/kg	1.5	mg/kg	8	10
Beryllium	RI/FS	112130	477309.74	1348528.82	3.9	-	mg/kg	1.5	mg/kg	2	4
Beryllium	RI/FS	112145	477309.74	1348528.82	3.9	-	mg/kg	1.5	mg/kg	13	15
Beryllium	UNKNOWN	067167	477272.52	1348486.90	3.9	-	mg/kg	1.5	mg/kg	4.5	6
Beryllium	RI/FS	112254	477229.95	1348473.97	4.3	-	mg/kg	1.5	mg/kg	0	0.5
Beryllium	RI/FS	112257	477312.86	1348636.13	4.3	-	mg/kg	1.5	mg/kg	0	0.5
Beryllium	RI/FS	112255	477265.40	1348609.79	4.5	-	mg/kg	1.5	mg/kg	0	0.5
Beryllium	RI/FS	112258	477384.73	1348571.91	4.6	-	mg/kg	1.5	mg/kg	0	0.5
Beryllium	UNKNOWN	067173	477272.52	1348486.90	4.6	-	mg/kg	1.5	mg/kg	13.5	15
Beryllium	RI/FS	112091	477270.90	1348424.39	5.4	-	mg/kg	1.5	mg/kg	0	1.5
Beryllium	RI/FS	112259	477350.83	1348368.24	5.7	-	mg/kg	1.5	mg/kg	0	0.5
Beryllium	RI/FS	112160	477395.53	1348495.36	5.8	-	mg/kg	1.5	mg/kg	0	2
Beryllium	RI/FS	112129	477309.74	1348528.82	6.4	-	mg/kg	1.5	mg/kg	0	2
Cesium-137	UNKNOWN	011010	477029.41	1348531.10	2	UJ	pCi/g	1.4	pCi/g		
Dieldrin	CIS	PS-25-009	477032.62	1348465.24	18	U	ug/kg	15	ug/kg		
Dieldrin	UNKNOWN	067184	477272.52	1348486.90	19	U	ug/kg	15	ug/kg	29	30.5
Dieldrin	UNKNOWN	067218	477269.05	1348361.98	19	U	ug/kg	15	ug/kg	41.5	43
Dieldrin	UNKNOWN	067193	477269.05	1348361.98	20	U	ug/kg	15	ug/kg	4.5	6
Dieldrin	UNKNOWN	067505	477443.68	1348419.22	20	U	ug/kg	15	ug/kg	6	7.5
Dieldrin	UNKNOWN	067506	477443.68	1348419.22	20	U	ug/kg	15	ug/kg	9.5	12

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**APPENDIX A
VALIDATED ABOVE-FRL DATA**

Parameter	Sampling Program	Sample ID	Northing	Easting	Result	Qualifier	Units	FRL	Units	Top Depth	Bottom Depth
Dieldrin	UNKNOWN	067155	477346.84	1348570.61	20	UJ	ug/kg	15	ug/kg	18	19.5
Dieldrin	UNKNOWN	067173	477272.52	1348486.90	21	U	ug/kg	15	ug/kg	13.5	15
Dieldrin	UNKNOWN	067503	477443.68	1348419.22	21	U	ug/kg	15	ug/kg	1.5	3
Dieldrin	UNKNOWN	067167	477272.52	1348486.90	22	U	ug/kg	15	ug/kg	4.5	6
Dieldrin	UNKNOWN	067201	477269.05	1348361.98	22	U	ug/kg	15	ug/kg	16	17.5
Dieldrin	UNKNOWN	067149	477346.84	1348570.61	25	UJ	ug/kg	15	ug/kg	9	10.5
N-Nitroso-di-n-propylamine	RI/FS	112126	477270.90	1348424.39	370	U	ug/kg	200	ug/kg	29.5	31.5
N-Nitroso-di-n-propylamine	RI/FS	112123	477270.90	1348424.39	380	U	ug/kg	200	ug/kg	25.5	27.5
N-Nitroso-di-n-propylamine	UNKNOWN	067184	477272.52	1348486.90	390	U	ug/kg	200	ug/kg	29	30.5
N-Nitroso-di-n-propylamine	RI/FS	112153	477309.74	1348528.82	390	UJ	ug/kg	200	ug/kg	20	22
N-Nitroso-di-n-propylamine	RI/FS	112092	477270.90	1348424.39	400	U	ug/kg	200	ug/kg	2	4
N-Nitroso-di-n-propylamine	RI/FS	112241	477170.36	1348501.23	400	U	ug/kg	200	ug/kg	0	0.5
N-Nitroso-di-n-propylamine	UNKNOWN	067218	477269.05	1348361.98	400	U	ug/kg	200	ug/kg	41.5	43
N-Nitroso-di-n-propylamine	RI/FS	112091	477270.90	1348424.39	410	U	ug/kg	200	ug/kg	0	1.5
N-Nitroso-di-n-propylamine	RI/FS	112157	477309.74	1348528.82	410	U	ug/kg	200	ug/kg	24	26
N-Nitroso-di-n-propylamine	UNKNOWN	067193	477269.05	1348361.98	410	U	ug/kg	200	ug/kg	4.5	6
N-Nitroso-di-n-propylamine	UNKNOWN	067506	477443.68	1348419.22	410	U	ug/kg	200	ug/kg	9.5	12
N-Nitroso-di-n-propylamine	RI/FS	112129	477309.74	1348528.82	410	UJ	ug/kg	200	ug/kg	0	2
N-Nitroso-di-n-propylamine	RI/FS	112130	477309.74	1348528.82	410	UJ	ug/kg	200	ug/kg	2	4
N-Nitroso-di-n-propylamine	RI/FS	112161	477395.53	1348495.36	420	U	ug/kg	200	ug/kg	2	4
N-Nitroso-di-n-propylamine	RI/FS	112181	477395.53	1348495.36	420	U	ug/kg	200	ug/kg	19	21
N-Nitroso-di-n-propylamine	UNKNOWN	067505	477443.68	1348419.22	420	U	ug/kg	200	ug/kg	6	7.5
N-Nitroso-di-n-propylamine	UNKNOWN	067711	477250.80	1348484.51	420	U	ug/kg	200	ug/kg	13.5	15
N-Nitroso-di-n-propylamine	UNKNOWN	067155	477346.84	1348570.61	420	UJ	ug/kg	200	ug/kg	18	19.5
N-Nitroso-di-n-propylamine	RI/FS	112180	477395.53	1348495.36	430	U	ug/kg	200	ug/kg	17	19
N-Nitroso-di-n-propylamine	UNKNOWN	067173	477272.52	1348486.90	430	U	ug/kg	200	ug/kg	13.5	15
N-Nitroso-di-n-propylamine	UNKNOWN	067503	477443.68	1348419.22	430	U	ug/kg	200	ug/kg	1.5	3
N-Nitroso-di-n-propylamine	UNKNOWN	067706	477250.80	1348484.51	430	UJ	ug/kg	200	ug/kg	6	7.5
N-Nitroso-di-n-propylamine	RI/FS	112160	477395.53	1348495.36	440	U	ug/kg	200	ug/kg	0	2
N-Nitroso-di-n-propylamine	RI/FS	112167	477395.53	1348495.36	440	U	ug/kg	200	ug/kg	8	10
N-Nitroso-di-n-propylamine	RI/FS	112248	477224.32	1348641.68	440	U	ug/kg	200	ug/kg	0	0.5
N-Nitroso-di-n-propylamine	RI/FS	112252	477251.96	1348341.16	440	U	ug/kg	200	ug/kg	0	0.5
N-Nitroso-di-n-propylamine	RI/FS	112258	477384.73	1348571.91	440	U	ug/kg	200	ug/kg	0	0.5

**APPENDIX A
VALIDATED ABOVE-FRL DATA**

Parameter	Sampling Program	Sample ID	Northing	Easting	Result	Qualifier	Units	FRL	Units	Top Depth	Bottom Depth
N-Nitroso-di-n-propylamine	RI/FS	112117	477270.90	1348424.39	450	U	ug/kg	200	ug/kg	20	22
N-Nitroso-di-n-propylamine	RI/FS	112249	477353.66	1348669.64	450	U	ug/kg	200	ug/kg	0	0.5
N-Nitroso-di-n-propylamine	RI/FS	112257	477312.86	1348636.13	450	U	ug/kg	200	ug/kg	0	0.5
N-Nitroso-di-n-propylamine	UNKNOWN	067167	477272.52	1348486.90	450	U	ug/kg	200	ug/kg	4.5	6
N-Nitroso-di-n-propylamine	UNKNOWN	067201	477269.05	1348361.98	450	U	ug/kg	200	ug/kg	16	17.5
N-Nitroso-di-n-propylamine	RI/FS	112145	477309.74	1348528.82	450	UJ	ug/kg	200	ug/kg	13	15
N-Nitroso-di-n-propylamine	RI/FS	112255	477265.40	1348609.79	460	U	ug/kg	200	ug/kg	0	0.5
N-Nitroso-di-n-propylamine	RI/FS	112251	477414.67	1348588.29	480	U	ug/kg	200	ug/kg	0	0.5
N-Nitroso-di-n-propylamine	RI/FS	112254	477229.95	1348473.97	490	U	ug/kg	200	ug/kg	0	0.5
N-Nitroso-di-n-propylamine	RI/FS	112264	477204.08	1348281.83	490	U	ug/kg	200	ug/kg	0	0.5
N-Nitroso-di-n-propylamine	UNKNOWN	067149	477346.84	1348570.61	500	UJ	ug/kg	200	ug/kg	9	10.5
Pentachlorophenol	UNKNOWN	067149	477346.84	1348570.61	2400	UJ	ug/kg	2300	ug/kg	9	10.5
Radium-226	RI/FS	112180	477395.53	1348495.36	1.73	-	pCi/g	1.7	pCi/g	17	19
Radium-226	RI/FS	112249	477353.66	1348669.64	1.96	-	pCi/g	1.7	pCi/g	0	0.5
Radium-226	REMEDIAL ACT	AFP-B-C-8-R	477130.99	1348344.00	2.4	J	pCi/g	1.7	pCi/g	1	1.5
Radium-226	UNKNOWN	067505	477443.68	1348419.22	2.53	J	pCi/g	1.7	pCi/g	6	7.5
Radium-226	RI/FS	112251	477414.67	1348588.29	2.75	-	pCi/g	1.7	pCi/g	0	0.5
Radium-226	RI/FS	112145	477309.74	1348528.82	2.96	-	pCi/g	1.7	pCi/g	13	15
Radium-226	UNKNOWN	067146	477346.84	1348570.61	3.04	-	pCi/g	1.7	pCi/g	4.5	6
Radium-226	UNKNOWN	067503	477443.68	1348419.22	3.16	J	pCi/g	1.7	pCi/g	1.5	3
Radium-226	RI/FS	112167	477395.53	1348495.36	3.27	-	pCi/g	1.7	pCi/g	8	10
Radium-226	RI/FS	112254	477229.95	1348473.97	3.28	-	pCi/g	1.7	pCi/g	0	0.5
Radium-226	RI/FS	112252	477251.96	1348341.16	3.29	-	pCi/g	1.7	pCi/g	0	0.5
Radium-226	RI/FS	112091	477270.90	1348424.39	3.32	-	pCi/g	1.7	pCi/g	0	1.5
Radium-226	RI/FS	112129	477309.74	1348528.82	3.45	-	pCi/g	1.7	pCi/g	0	2
Radium-226	RI/FS	112092	477270.90	1348424.39	3.51	-	pCi/g	1.7	pCi/g	2	4
Radium-226	RI/FS	112258	477384.73	1348571.91	3.53	-	pCi/g	1.7	pCi/g	0	0.5
Radium-226	RI/FS	112264	477204.08	1348281.83	3.53	-	pCi/g	1.7	pCi/g	0	0.5
Radium-226	RI/FS	112161	477395.53	1348495.36	3.55	-	pCi/g	1.7	pCi/g	2	4
Radium-226	RI/FS	112255	477265.40	1348609.79	3.6	-	pCi/g	1.7	pCi/g	0	0.5
Radium-226	UNKNOWN	067200	477269.05	1348361.98	3.6	J	pCi/g	1.7	pCi/g	14.5	16
Radium-226	RI/FS	112257	477312.86	1348636.13	3.73	-	pCi/g	1.7	pCi/g	0	0.5
Radium-226	UNKNOWN	067153	477346.84	1348570.61	3.76	-	pCi/g	1.7	pCi/g	15	16.5

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**APPENDIX A
VALIDATED ABOVE-FRL DATA**

Parameter	Sampling Program	Sample ID	Northing	Easting	Result	Qualifier	Units	FRL	Units	Top Depth	Bottom Depth
Radium-226	RI/FS	112259	477350.83	1348368.24	3.8	-	pCi/g	1.7	pCi/g	0	0.5
Radium-226	RI/FS	112130	477309.74	1348528.82	3.97	-	pCi/g	1.7	pCi/g	2	.4
Radium-226	RI/FS	112117	477270.90	1348424.39	4.02	-	pCi/g	1.7	pCi/g	20	22
Radium-226	UNKNOWN	067172	477272.52	1348486.90	4.05	J	pCi/g	1.7	pCi/g	12	13.5
Radium-226	UNKNOWN	067166	477272.52	1348486.90	4.12	J	pCi/g	1.7	pCi/g	3	4.5
Radium-226	UNKNOWN	067148	477346.84	1348570.61	4.51	J	pCi/g	1.7	pCi/g	7.5	9
Radium-226	UNKNOWN	067154	477346.84	1348570.61	4.52	J	pCi/g	1.7	pCi/g	16.5	18
Radium-226	RI/FS	112160	477395.53	1348495.36	4.61	-	pCi/g	1.7	pCi/g	0	2
Radium-226	UNKNOWN	067192	477269.05	1348361.98	6.22	J	pCi/g	1.7	pCi/g	3	4.5
Radium-228	RI/FS	112145	477309.74	1348528.82	2.23	-	pCi/g	1.8	pCi/g	13	15
Radium-228	UNKNOWN	067505	477443.68	1348419.22	2.23	J	pCi/g	1.8	pCi/g	6	7.5
Radium-228	RI/FS	112167	477395.53	1348495.36	2.42	-	pCi/g	1.8	pCi/g	8	10
Radium-228	RI/FS	112251	477414.67	1348588.29	2.48	-	pCi/g	1.8	pCi/g	0	0.5
Radium-228	RI/FS	112254	477229.95	1348473.97	2.58	-	pCi/g	1.8	pCi/g	0	0.5
Radium-228	RI/FS	112129	477309.74	1348528.82	2.69	-	pCi/g	1.8	pCi/g	0	2
Radium-228	UNKNOWN	067503	477443.68	1348419.22	2.7	J	pCi/g	1.8	pCi/g	1.5	3
Radium-228	RI/FS	112258	477384.73	1348571.91	2.75	-	pCi/g	1.8	pCi/g	0	0.5
Radium-228	UNKNOWN	067200	477269.05	1348361.98	2.76	J	pCi/g	1.8	pCi/g	14.5	16
Radium-228	RI/FS	112259	477350.83	1348368.24	2.8	-	pCi/g	1.8	pCi/g	0	0.5
Radium-228	UNKNOWN	067172	477272.52	1348486.90	2.83	J	pCi/g	1.8	pCi/g	12	13.5
Radium-228	RI/FS	112130	477309.74	1348528.82	2.84	-	pCi/g	1.8	pCi/g	2	4
Radium-228	UNKNOWN	067153	477346.84	1348570.61	2.85	-	pCi/g	1.8	pCi/g	15	16.5
Radium-228	RI/FS	112091	477270.90	1348424.39	2.86	-	pCi/g	1.8	pCi/g	0	1.5
Radium-228	RI/FS	112252	477251.96	1348341.16	2.9	-	pCi/g	1.8	pCi/g	0	0.5
Radium-228	RI/FS	112092	477270.90	1348424.39	2.91	-	pCi/g	1.8	pCi/g	2	4
Radium-228	UNKNOWN	067146	477346.84	1348570.61	2.91	-	pCi/g	1.8	pCi/g	4.5	6
Radium-228	RI/FS	112255	477265.40	1348609.79	2.92	-	pCi/g	1.8	pCi/g	0	0.5
Radium-228	RI/FS	112264	477204.08	1348281.83	2.92	-	pCi/g	1.8	pCi/g	0	0.5
Radium-228	RI/FS	112257	477312.86	1348636.13	2.98	-	pCi/g	1.8	pCi/g	0	0.5
Radium-228	RI/FS	112161	477395.53	1348495.36	3.07	-	pCi/g	1.8	pCi/g	2	4
Radium-228	RI/FS	112160	477395.53	1348495.36	3.17	-	pCi/g	1.8	pCi/g	0	2
Radium-228	UNKNOWN	067154	477346.84	1348570.61	3.45	J	pCi/g	1.8	pCi/g	16.5	18
Radium-228	UNKNOWN	067148	477346.84	1348570.61	3.61	J	pCi/g	1.8	pCi/g	7.5	9

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**APPENDIX A
VALIDATED ABOVE-FRL DATA**

Parameter	Sampling Program	Sample ID	Northing	Easting	Result	Qualifier	Units	FRL	Units	Top Depth	Bottom Depth
Radium-228	RI/FS	112117	477270.90	1348424.39	3.69	-	pCi/g	1.8	pCi/g	20	22
Radium-228	UNKNOWN	067166	477272.52	1348486.90	3.89	J	pCi/g	1.8	pCi/g	3	4.5
Radium-228	UNKNOWN	067192	477269.05	1348361.98	5.32	J	pCi/g	1.8	pCi/g	3	4.5
Thorium-228	UNKNOWN	067182	477272.52	1348486.90	1.76	J	pCi/g	1.7	pCi/g	26	27.5
Thorium-228	RI/FS	112251	477414.67	1348588.29	1.78	-	pCi/g	1.7	pCi/g	0	0.5
Thorium-228	RI/FS	112145	477309.74	1348528.82	1.8	J	pCi/g	1.7	pCi/g	13	15
Thorium-228	UNKNOWN	067156	477346.84	1348570.61	2.09	J	pCi/g	1.7	pCi/g	19.5	21
Thorium-228	RI/FS	112258	477384.73	1348571.91	2.23	J	pCi/g	1.7	pCi/g	0	0.5
Thorium-228	RI/FS	112254	477229.95	1348473.97	2.34	J	pCi/g	1.7	pCi/g	0	0.5
Thorium-228	RI/FS	112091	477270.90	1348424.39	2.35	-	pCi/g	1.7	pCi/g	0	1.5
Thorium-228	RI/FS	112255	477265.40	1348609.79	2.38	J	pCi/g	1.7	pCi/g	0	0.5
Thorium-228	RI/FS	112264	477204.08	1348281.83	2.38	J	pCi/g	1.7	pCi/g	0	0.5
Thorium-228	RI/FS	112129	477309.74	1348528.82	2.39	J	pCi/g	1.7	pCi/g	0	2
Thorium-228	RI/FS	112259	477350.83	1348368.24	2.41	J	pCi/g	1.7	pCi/g	0	0.5
Thorium-228	RI/FS	112130	477309.74	1348528.82	2.44	J	pCi/g	1.7	pCi/g	2	4
Thorium-228	RI/FS	112257	477312.86	1348636.13	2.51	J	pCi/g	1.7	pCi/g	0	0.5
Thorium-228	RI/FS	112252	477251.96	1348341.16	2.56	J	pCi/g	1.7	pCi/g	0	0.5
Thorium-228	RI/FS	112117	477270.90	1348424.39	2.88	-	pCi/g	1.7	pCi/g	20	22
Thorium-228	UNKNOWN	067146	477346.84	1348570.61	2.91	J	pCi/g	1.7	pCi/g	4.5	6
Thorium-228	UNKNOWN	067153	477346.84	1348570.61	2.93	J	pCi/g	1.7	pCi/g	15	16.5
Thorium-228	UNKNOWN	067172	477272.52	1348486.90	2.99	J	pCi/g	1.7	pCi/g	12	13.5
Thorium-228	RI/FS	112167	477395.53	1348495.36	3.12	-	pCi/g	1.7	pCi/g	8	10
Thorium-228	UNKNOWN	067503	477443.68	1348419.22	3.18	J	pCi/g	1.7	pCi/g	1.5	3
Thorium-228	RI/FS	112092	477270.90	1348424.39	3.2	-	pCi/g	1.7	pCi/g	2	4
Thorium-228	UNKNOWN	067200	477269.05	1348361.98	3.21	J	pCi/g	1.7	pCi/g	14.5	16
Thorium-228	RI/FS	112161	477395.53	1348495.36	3.27	-	pCi/g	1.7	pCi/g	2	4
Thorium-228	CIS	SL-25-014	477019.78	1348477.40	3.2915	J	pCi/g	1.7	pCi/g	0.5	1
Thorium-228	UNKNOWN	067505	477443.68	1348419.22	3.44	J	pCi/g	1.7	pCi/g	6	7.5
Thorium-228	UNKNOWN	067148	477346.84	1348570.61	3.46	J	pCi/g	1.7	pCi/g	7.5	9
Thorium-228	UNKNOWN	067166	477272.52	1348486.90	3.46	J	pCi/g	1.7	pCi/g	3	4.5
Thorium-228	RI/FS	112160	477395.53	1348495.36	3.81	-	pCi/g	1.7	pCi/g	0	2
Thorium-228	UNKNOWN	067154	477346.84	1348570.61	4.47	J	pCi/g	1.7	pCi/g	16.5	18
Thorium-228	UNKNOWN	067192	477269.05	1348361.98	5.79	J	pCi/g	1.7	pCi/g	3	4.5

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**APPENDIX A
VALIDATED ABOVE-FRL DATA**

Parameter	Sampling Program	Sample ID	Northing	Easting	Result	Qualifier	Units	FRL	Units	Top Depth	Bottom Depth
Thorium-232	RI/FS	112249	477353.66	1348669.64	1.61	-	pCi/g	1.5	pCi/g	0	0.5
Thorium-232	REMEDIAL ACT	AFP-B-C-8-R	477130.99	1348344.00	1.8	J	pCi/g	1.5	pCi/g	1	1.5
Thorium-232	RI/FS	112251	477414.67	1348588.29	1.81	-	pCi/g	1.5	pCi/g	0	0.5
Thorium-232	UNKNOWN	067503	477443.68	1348419.22	1.89	-	pCi/g	1.5	pCi/g	1.5	3
Thorium-232	UNKNOWN	067172	477272.52	1348486.90	1.93	J	pCi/g	1.5	pCi/g	12	13.5
Thorium-232	RI/FS	112091	477270.90	1348424.39	2	-	pCi/g	1.5	pCi/g	0	1.5
Thorium-232	RI/FS	112145	477309.74	1348528.82	2.049	J	pCi/g	1.5	pCi/g	13	15
Thorium-232	RI/FS	112258	477384.73	1348571.91	2.1	J	pCi/g	1.5	pCi/g	0	0.5
Thorium-232	RI/FS	112255	477265.40	1348609.79	2.13	J	pCi/g	1.5	pCi/g	0	0.5
Thorium-232	RI/FS	112167	477395.53	1348495.36	2.17	-	pCi/g	1.5	pCi/g	8	10
Thorium-232	RI/FS	112254	477229.95	1348473.97	2.34	J	pCi/g	1.5	pCi/g	0	0.5
Thorium-232	RI/FS	112130	477309.74	1348528.82	2.359	J	pCi/g	1.5	pCi/g	2	4
Thorium-232	UNKNOWN	067153	477346.84	1348570.61	2.37	J	pCi/g	1.5	pCi/g	15	16.5
Thorium-232	RI/FS	112264	477204.08	1348281.83	2.41	J	pCi/g	1.5	pCi/g	0	0.5
Thorium-232	UNKNOWN	067200	477269.05	1348361.98	2.42	J	pCi/g	1.5	pCi/g	14.5	16
Thorium-232	RI/FS	112129	477309.74	1348528.82	2.44	J	pCi/g	1.5	pCi/g	0	2
Thorium-232	RI/FS	112252	477251.96	1348341.16	2.45	J	pCi/g	1.5	pCi/g	0	0.5
Thorium-232	RI/FS	112259	477350.83	1348368.24	2.53	J	pCi/g	1.5	pCi/g	0	0.5
Thorium-232	RI/FS	112257	477312.86	1348636.13	2.55	J	pCi/g	1.5	pCi/g	0	0.5
Thorium-232	UNKNOWN	067148	477346.84	1348570.61	2.8	-	pCi/g	1.5	pCi/g	7.5	9
Thorium-232	UNKNOWN	067154	477346.84	1348570.61	2.8	-	pCi/g	1.5	pCi/g	16.5	18
Thorium-232	UNKNOWN	067505	477443.68	1348419.22	2.82	-	pCi/g	1.5	pCi/g	6	7.5
Thorium-232	UNKNOWN	067166	477272.52	1348486.90	2.84	J	pCi/g	1.5	pCi/g	3	4.5
Thorium-232	RI/FS	112092	477270.90	1348424.39	2.9	-	pCi/g	1.5	pCi/g	2	4
Thorium-232	UNKNOWN	067146	477346.84	1348570.61	2.91	J	pCi/g	1.5	pCi/g	4.5	6
Thorium-232	RI/FS	112161	477395.53	1348495.36	3.12	-	pCi/g	1.5	pCi/g	2	4
Thorium-232	RI/FS	112117	477270.90	1348424.39	3.14	-	pCi/g	1.5	pCi/g	20	22
Thorium-232	RI/FS	112160	477395.53	1348495.36	3.74	-	pCi/g	1.5	pCi/g	0	2
Thorium-232	UNKNOWN	067192	477269.05	1348361.98	5.08	J	pCi/g	1.5	pCi/g	3	4.5
Uranium, Total	UNKNOWN	009045	477328.64	1348232.82	51.8	J	mg/kg	50	mg/kg	0	0.5
Uranium, Total	UNKNOWN	008947	477159.31	1348291.63	150	-	mg/kg	50	mg/kg	30	31.5
Vinyl chloride	RI/FS	112157	477309.74	1348528.82	1500	U	ug/kg	130	ug/kg	24	26

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APPENDIX A
RI/FS HISTORICAL NONVALIDATED DATA

Parameter	Sampling Program	Sample ID	Northing	Easting	Result	Qualifier	Units	FRL	Units	Top Depth	Bottom Depth	Above FRL
1,1,2-Trichloroethane	RI/FS	112123	477270.90	1348424.39	12.00	UNV	ug/kg	4300	ug/kg	25.5	27.5	NO
1,1,2-Trichloroethane	RI/FS	112123	477270.90	1348424.39	12.00	UNV	ug/kg	4300	ug/kg	25.5	27.5	NO
1,1,2-Trichloroethane	RI/FS	112129	477309.74	1348528.82	12.00	UNV	ug/kg	4300	ug/kg	0	2	NO
1,1,2-Trichloroethane	RI/FS	112129	477309.74	1348528.82	12.00	UNV	ug/kg	4300	ug/kg	0	2	NO
1,1,2-Trichloroethane	RI/FS	112255	477265.40	1348609.79	14.00	UNV	ug/kg	4300	ug/kg	0	0.5	NO
1,1,2-Trichloroethane	RI/FS	112255	477265.40	1348609.79	14.00	UNV	ug/kg	4300	ug/kg	0	0.5	NO
1,1,2-Trichloroethane	UNKNOWN	067706	477250.80	1348484.51	790.00	UNV	ug/kg	4300	ug/kg	6	7.5	NO
1,1,2-Trichloroethane	UNKNOWN	067711	477250.80	1348484.51	810.00	UNV	ug/kg	4300	ug/kg	13.5	15	NO
1,1,2-Trichloroethane	RI/FS	112157	477309.74	1348528.82	1500.00	UNV	ug/kg	4300	ug/kg	24	26	NO
1,1,2-Trichloroethane	RI/FS	112157	477309.74	1348528.82	1500.00	UNV	ug/kg	4300	ug/kg	24	26	NO
1,1-Dichloroethene	RI/FS	112123	477270.90	1348424.39	12.00	UNV	ug/kg	410	ug/kg	25.5	27.5	NO
1,1-Dichloroethene	RI/FS	112123	477270.90	1348424.39	12.00	UNV	ug/kg	410	ug/kg	25.5	27.5	NO
1,1-Dichloroethene	RI/FS	112255	477265.40	1348609.79	14.00	UNV	ug/kg	410	ug/kg	0	0.5	NO
1,1-Dichloroethene	RI/FS	112255	477265.40	1348609.79	14.00	UNV	ug/kg	410	ug/kg	0	0.5	NO
1,1-Dichloroethene	RI/FS	112129	477309.74	1348528.82	24.00	NV	ug/kg	410	ug/kg	0	2	NO
1,1-Dichloroethene	RI/FS	112129	477309.74	1348528.82	43.00	NV	ug/kg	410	ug/kg	0	2	NO
1,1-Dichloroethene	UNKNOWN	067706	477250.80	1348484.51	790.00	UNV	ug/kg	410	ug/kg	6	7.5	YES
1,1-Dichloroethene	UNKNOWN	067711	477250.80	1348484.51	810.00	UNV	ug/kg	410	ug/kg	13.5	15	YES
1,1-Dichloroethene	RI/FS	112157	477309.74	1348528.82	1500.00	UNV	ug/kg	410	ug/kg	24	26	YES
1,1-Dichloroethene	RI/FS	112157	477309.74	1348528.82	1500.00	UNV	ug/kg	410	ug/kg	24	26	YES
1,2-Dichloroethane	RI/FS	112123	477270.90	1348424.39	12.00	UNV	ug/kg	160	ug/kg	25.5	27.5	NO
1,2-Dichloroethane	RI/FS	112123	477270.90	1348424.39	12.00	UNV	ug/kg	160	ug/kg	25.5	27.5	NO
1,2-Dichloroethane	RI/FS	112129	477309.74	1348528.82	12.00	UNV	ug/kg	160	ug/kg	0	2	NO
1,2-Dichloroethane	RI/FS	112129	477309.74	1348528.82	12.00	UNV	ug/kg	160	ug/kg	0	2	NO
1,2-Dichloroethane	RI/FS	112255	477265.40	1348609.79	14.00	UNV	ug/kg	160	ug/kg	0	0.5	NO
1,2-Dichloroethane	RI/FS	112255	477265.40	1348609.79	14.00	UNV	ug/kg	160	ug/kg	0	0.5	NO
1,2-Dichloroethane	UNKNOWN	067706	477250.80	1348484.51	790.00	UNV	ug/kg	160	ug/kg	6	7.5	YES
1,2-Dichloroethane	UNKNOWN	067711	477250.80	1348484.51	810.00	UNV	ug/kg	160	ug/kg	13.5	15	YES
1,2-Dichloroethane	RI/FS	112157	477309.74	1348528.82	1500.00	UNV	ug/kg	160	ug/kg	24	26	YES
1,2-Dichloroethane	RI/FS	112157	477309.74	1348528.82	1500.00	UNV	ug/kg	160	ug/kg	24	26	YES
3,3'-Dichlorobenzidine	RI/FS	112255	477265.40	1348609.79	460.00	UNV	ug/kg	550	ug/kg	0	0.5	NO
3,3'-Dichlorobenzidine	RI/FS	112255	477265.40	1348609.79	470.00	UNV	ug/kg	550	ug/kg	0	0.5	NO
3,3'-Dichlorobenzidine	UNKNOWN	067706	477250.80	1348484.51	830.00	UNV	ug/kg	550	ug/kg	6	7.5	YES

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APPENDIX A
RI/FS HISTORICAL NONVALIDATED DATA

Parameter	Sampling Program	Sample ID	Northing	Eastng	Result	Qualifier	Units	FRL	Units	Top Depth	Bottom Depth	Above FRL
3,3'-Dichlorobenzidine	UNKNOWN	067711	477250.80	1348484.51	850.00	UNV	ug/kg	550	ug/kg	13.5	15	YES
4-Methyl-2-pentanone	RI/FS	112123	477270.90	1348424.39	12.00	UNV	ug/kg	2500000	ug/kg	25.5	27.5	NO
4-Methyl-2-pentanone	RI/FS	112123	477270.90	1348424.39	12.00	UNV	ug/kg	2500000	ug/kg	25.5	27.5	NO
4-Methyl-2-pentanone	RI/FS	112129	477309.74	1348528.82	12.00	UNV	ug/kg	2500000	ug/kg	0	2	NO
4-Methyl-2-pentanone	RI/FS	112129	477309.74	1348528.82	12.00	UNV	ug/kg	2500000	ug/kg	0	2	NO
4-Methyl-2-pentanone	RI/FS	112255	477265.40	1348609.79	14.00	UNV	ug/kg	2500000	ug/kg	0	0.5	NO
4-Methyl-2-pentanone	RI/FS	112255	477265.40	1348609.79	14.00	UNV	ug/kg	2500000	ug/kg	0	0.5	NO
4-Methyl-2-pentanone	RI/FS	112157	477309.74	1348528.82	1500.00	UNV	ug/kg	2500000	ug/kg	24	26	NO
4-Methyl-2-pentanone	RI/FS	112157	477309.74	1348528.82	1500.00	UNV	ug/kg	2500000	ug/kg	24	26	NO
4-Methyl-2-pentanone	UNKNOWN	067706	477250.80	1348484.51	1600.00	UNV	ug/kg	2500000	ug/kg	6	7.5	NO
4-Methyl-2-pentanone	UNKNOWN	067711	477250.80	1348484.51	1600.00	UNV	ug/kg	2500000	ug/kg	13.5	15	NO
4-Nitroaniline	RI/FS	112255	477265.40	1348609.79	1100.00	UNV	ug/kg	150000	ug/kg	0	0.5	NO
4-Nitroaniline	RI/FS	112255	477265.40	1348609.79	1100.00	UNV	ug/kg	150000	ug/kg	0	0.5	NO
4-Nitroaniline	UNKNOWN	067706	477250.80	1348484.51	2000.00	UNV	ug/kg	150000	ug/kg	6	7.5	NO
4-Nitroaniline	UNKNOWN	067711	477250.80	1348484.51	2100.00	UNV	ug/kg	150000	ug/kg	13.5	15	NO
Acetone	RI/FS	112123	477270.90	1348424.39	12.00	UNV	ug/kg	43000000	ug/kg	25.5	27.5	NO
Acetone	RI/FS	112123	477270.90	1348424.39	12.00	UNV	ug/kg	43000000	ug/kg	25.5	27.5	NO
Acetone	RI/FS	112255	477265.40	1348609.79	14.00	UNV	ug/kg	43000000	ug/kg	0	0.5	NO
Acetone	RI/FS	112255	477265.40	1348609.79	14.00	UNV	ug/kg	43000000	ug/kg	0	0.5	NO
Acetone	RI/FS	112129	477309.74	1348528.82	45.00	NV	ug/kg	43000000	ug/kg	0	2	NO
Acetone	RI/FS	112129	477309.74	1348528.82	62.00	NV	ug/kg	43000000	ug/kg	0	2	NO
Acetone	UNKNOWN	067706	477250.80	1348484.51	1600.00	UNV	ug/kg	43000000	ug/kg	6	7.5	NO
Acetone	UNKNOWN	067711	477250.80	1348484.51	1600.00	UNV	ug/kg	43000000	ug/kg	13.5	15	NO
Acetone	RI/FS	112157	477309.74	1348528.82	2000.00	NV	ug/kg	43000000	ug/kg	24	26	NO
Acetone	RI/FS	112157	477309.74	1348528.82	3200.00	NV	ug/kg	43000000	ug/kg	24	26	NO
Antimony	UNKNOWN	067149	477346.84	1348570.61	8.53	UNV	mg/kg	96	mg/kg	9	10.5	NO
Aroclor-1254	RI/FS	112091	477270.90	1348424.39	42.00	UNV	ug/kg	130	ug/kg	0	1.5	NO
Aroclor-1254	RI/FS	112091	477270.90	1348424.39	42.00	UNV	ug/kg	130	ug/kg	0	1.5	NO
Aroclor-1254	RI/FS	112255	477265.40	1348609.79	46.00	UNV	ug/kg	130	ug/kg	0	0.5	NO
Aroclor-1254	RI/FS	112255	477265.40	1348609.79	46.00	UNV	ug/kg	130	ug/kg	0	0.5	NO
Aroclor-1260	RI/FS	112091	477270.90	1348424.39	42.00	UNV	ug/kg	130	ug/kg	0	1.5	NO
Aroclor-1260	RI/FS	112091	477270.90	1348424.39	42.00	UNV	ug/kg	130	ug/kg	0	1.5	NO
Aroclor-1260	RI/FS	112255	477265.40	1348609.79	46.00	UNV	ug/kg	130	ug/kg	0	0.5	NO

APPENDIX A
RI/FS HISTORICAL NONVALIDATED DATA

Parameter	Sampling Program	Sample ID	Northing	Easting	Result	Qualifier	Units	FRL	Units	Top Depth	Bottom Depth	Above FRL
Aroclor-1260	RI/FS	112255	477265.40	1348609.79	46.00	UNV	ug/kg	130	ug/kg	0	0.5	NO
Arsenic	UNKNOWN	067149	477346.84	1348570.61	76.58	NV	mg/kg	12	mg/kg	9	10.5	YES
Barium	UNKNOWN	067149	477346.84	1348570.61	211.96	NV	mg/kg	68000	mg/kg	9	10.5	NO
Benzene	RI/FS	112123	477270.90	1348424.39	12.00	UNV	ug/kg	850000	ug/kg	25.5	27.5	NO
Benzene	RI/FS	112123	477270.90	1348424.39	12.00	UNV	ug/kg	850000	ug/kg	25.5	27.5	NO
Benzene	RI/FS	112255	477265.40	1348609.79	14.00	UNV	ug/kg	850000	ug/kg	0	0.5	NO
Benzene	RI/FS	112255	477265.40	1348609.79	14.00	UNV	ug/kg	850000	ug/kg	0	0.5	NO
Benzene	RI/FS	112129	477309.74	1348528.82	130.00	NV	ug/kg	850000	ug/kg	0	2	NO
Benzene	RI/FS	112129	477309.74	1348528.82	150.00	NV	ug/kg	850000	ug/kg	0	2	NO
Benzene	UNKNOWN	067706	477250.80	1348484.51	790.00	UNV	ug/kg	850000	ug/kg	6	7.5	NO
Benzene	UNKNOWN	067711	477250.80	1348484.51	810.00	UNV	ug/kg	850000	ug/kg	13.5	15	NO
Benzene	RI/FS	112157	477309.74	1348528.82	1500.00	UNV	ug/kg	850000	ug/kg	24	26	NO
Benzene	RI/FS	112157	477309.74	1348528.82	1500.00	UNV	ug/kg	850000	ug/kg	24	26	NO
Benzo(a)anthracene	UNKNOWN	067706	477250.80	1348484.51	420.00	UNV	ug/kg	20000	ug/kg	6	7.5	NO
Benzo(a)anthracene	UNKNOWN	067711	477250.80	1348484.51	430.00	UNV	ug/kg	20000	ug/kg	13.5	15	NO
Benzo(a)anthracene	RI/FS	112255	477265.40	1348609.79	460.00	UNV	ug/kg	20000	ug/kg	0	0.5	NO
Benzo(a)anthracene	RI/FS	112255	477265.40	1348609.79	470.00	UNV	ug/kg	20000	ug/kg	0	0.5	NO
Benzo(a)pyrene	UNKNOWN	067706	477250.80	1348484.51	420.00	UNV	ug/kg	2000	ug/kg	6	7.5	NO
Benzo(a)pyrene	UNKNOWN	067711	477250.80	1348484.51	430.00	UNV	ug/kg	2000	ug/kg	13.5	15	NO
Benzo(a)pyrene	RI/FS	112255	477265.40	1348609.79	460.00	UNV	ug/kg	2000	ug/kg	0	0.5	NO
Benzo(a)pyrene	RI/FS	112255	477265.40	1348609.79	470.00	UNV	ug/kg	2000	ug/kg	0	0.5	NO
Benzo(b)fluoranthene	UNKNOWN	067706	477250.80	1348484.51	420.00	UNV	ug/kg	20000	ug/kg	6	7.5	NO
Benzo(b)fluoranthene	UNKNOWN	067711	477250.80	1348484.51	430.00	UNV	ug/kg	20000	ug/kg	13.5	15	NO
Benzo(b)fluoranthene	RI/FS	112255	477265.40	1348609.79	460.00	UNV	ug/kg	20000	ug/kg	0	0.5	NO
Benzo(b)fluoranthene	RI/FS	112255	477265.40	1348609.79	470.00	UNV	ug/kg	20000	ug/kg	0	0.5	NO
Benzo(k)fluoranthene	UNKNOWN	067706	477250.80	1348484.51	420.00	UNV	ug/kg	200000	ug/kg	6	7.5	NO
Benzo(k)fluoranthene	UNKNOWN	067711	477250.80	1348484.51	430.00	UNV	ug/kg	200000	ug/kg	13.5	15	NO
Benzo(k)fluoranthene	RI/FS	112255	477265.40	1348609.79	460.00	UNV	ug/kg	200000	ug/kg	0	0.5	NO
Benzo(k)fluoranthene	RI/FS	112255	477265.40	1348609.79	470.00	UNV	ug/kg	200000	ug/kg	0	0.5	NO
Beryllium	UNKNOWN	067149	477346.84	1348570.61	2.97	NV	mg/kg	1.5	mg/kg	9	10.5	YES
Bromodichloromethane	RI/FS	112123	477270.90	1348424.39	12.00	UNV	ug/kg	4000	ug/kg	25.5	27.5	NO
Bromodichloromethane	RI/FS	112123	477270.90	1348424.39	12.00	UNV	ug/kg	4000	ug/kg	25.5	27.5	NO
Bromodichloromethane	RI/FS	112129	477309.74	1348528.82	12.00	UNV	ug/kg	4000	ug/kg	0	2	NO

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APPENDIX A
RI/FS HISTORICAL NONVALIDATED DATA

Parameter	Sampling Program	Sample ID	Northing	Easting	Result	Qualifier	Units	FRL	Units	Top Depth	Bottom Depth	Above FRL
Bromodichloromethane	RI/FS	112129	477309.74	1348528.82	12.00	UNV	ug/kg	4000	ug/kg	0	2	NO
Bromodichloromethane	RI/FS	112255	477265.40	1348609.79	14.00	UNV	ug/kg	4000	ug/kg	0	0.5	NO
Bromodichloromethane	RI/FS	112255	477265.40	1348609.79	14.00	UNV	ug/kg	4000	ug/kg	0	0.5	NO
Bromodichloromethane	UNKNOWN	067706	477250.80	1348484.51	790.00	UNV	ug/kg	4000	ug/kg	6	7.5	NO
Bromodichloromethane	UNKNOWN	067711	477250.80	1348484.51	810.00	UNV	ug/kg	4000	ug/kg	13.5	15	NO
Bromodichloromethane	RI/FS	112157	477309.74	1348528.82	1500.00	UNV	ug/kg	4000	ug/kg	24	26	NO
Bromodichloromethane	RI/FS	112157	477309.74	1348528.82	1500.00	UNV	ug/kg	4000	ug/kg	24	26	NO
Bromoform	RI/FS	112123	477270.90	1348424.39	12.00	UNV	ug/kg	31000	ug/kg	25.5	27.5	NO
Bromoform	RI/FS	112123	477270.90	1348424.39	12.00	UNV	ug/kg	31000	ug/kg	25.5	27.5	NO
Bromoform	RI/FS	112129	477309.74	1348528.82	12.00	UNV	ug/kg	31000	ug/kg	0	2	NO
Bromoform	RI/FS	112129	477309.74	1348528.82	12.00	UNV	ug/kg	31000	ug/kg	0	2	NO
Bromoform	RI/FS	112255	477265.40	1348609.79	14.00	UNV	ug/kg	31000	ug/kg	0	0.5	NO
Bromoform	RI/FS	112255	477265.40	1348609.79	14.00	UNV	ug/kg	31000	ug/kg	0	0.5	NO
Bromoform	UNKNOWN	067706	477250.80	1348484.51	790.00	UNV	ug/kg	31000	ug/kg	6	7.5	NO
Bromoform	UNKNOWN	067711	477250.80	1348484.51	810.00	UNV	ug/kg	31000	ug/kg	13.5	15	NO
Bromoform	RI/FS	112157	477309.74	1348528.82	1500.00	UNV	ug/kg	31000	ug/kg	24	26	NO
Bromoform	RI/FS	112157	477309.74	1348528.82	1500.00	UNV	ug/kg	31000	ug/kg	24	26	NO
Bromomethane	RI/FS	112123	477270.90	1348424.39	12.00	UNV	ug/kg	8200000	ug/kg	25.5	27.5	NO
Bromomethane	RI/FS	112123	477270.90	1348424.39	12.00	UNV	ug/kg	8200000	ug/kg	25.5	27.5	NO
Bromomethane	RI/FS	112129	477309.74	1348528.82	12.00	UNV	ug/kg	8200000	ug/kg	0	2	NO
Bromomethane	RI/FS	112129	477309.74	1348528.82	12.00	UNV	ug/kg	8200000	ug/kg	0	2	NO
Bromomethane	RI/FS	112255	477265.40	1348609.79	14.00	UNV	ug/kg	8200000	ug/kg	0	0.5	NO
Bromomethane	RI/FS	112255	477265.40	1348609.79	14.00	UNV	ug/kg	8200000	ug/kg	0	0.5	NO
Bromomethane	RI/FS	112157	477309.74	1348528.82	1500.00	UNV	ug/kg	8200000	ug/kg	24	26	NO
Bromomethane	RI/FS	112157	477309.74	1348528.82	1500.00	UNV	ug/kg	8200000	ug/kg	24	26	NO
Bromomethane	UNKNOWN	067706	477250.80	1348484.51	1600.00	UNV	ug/kg	8200000	ug/kg	6	7.5	NO
Bromomethane	UNKNOWN	067711	477250.80	1348484.51	1600.00	UNV	ug/kg	8200000	ug/kg	13.5	15	NO
Cadmium	UNKNOWN	067149	477346.84	1348570.61	0.57	UNV	mg/kg	82	mg/kg	9	10.5	NO
Carbazole	UNKNOWN	067706	477250.80	1348484.51	420.00	UNV	ug/kg	12000	ug/kg	6	7.5	NO
Carbazole	UNKNOWN	067711	477250.80	1348484.51	430.00	UNV	ug/kg	12000	ug/kg	13.5	15	NO
Carbazole	RI/FS	112255	477265.40	1348609.79	460.00	UNV	ug/kg	12000	ug/kg	0	0.5	NO
Carbazole	RI/FS	112255	477265.40	1348609.79	470.00	UNV	ug/kg	12000	ug/kg	0	0.5	NO
Carbon Tetrachloride	RI/FS	112255	477265.40	1348609.79	14.00	UNV	ug/kg	2100	ug/kg	0	0.5	NO

APPENDIX A
RI/FS HISTORICAL NONVALIDATED DATA

Parameter	Sampling Program	Sample ID	Northing	Easting	Result	Qualifier	Units	FRL	Units	Top Depth	Bottom Depth	Above FRL
Cesium-137	CIS	SL-25-002	477470.30	1348464.71	0.10	UNV	pCi/g	1.4	pCi/g	0.16	0.5	NO
Cesium-137	CIS	SL-25-005	477175.19	1348281.56	0.10	UNV	pCi/g	1.4	pCi/g	0.16	0.5	NO
Cesium-137	CIS	SS-25-010	477188.86	1348256.93	0.10	UNV	pCi/g	1.4	pCi/g	0	0.16	NO
Cesium-137	UNKNOWN	008990	477050.57	1348592.44	0.20	UNV	pCi/g	1.4	pCi/g	95	96.5	NO
Cesium-137	RI/FS	112129	477309.74	1348528.82	0.20	UNV	pCi/g	1.4	pCi/g	0	2	NO
Cesium-137	RI/FS	112145	477309.74	1348528.82	0.20	UNV	pCi/g	1.4	pCi/g	13	15	NO
Cesium-137	RI/FS	112252	477251.96	1348341.16	0.20	UNV	pCi/g	1.4	pCi/g	0	0.5	NO
Cesium-137	CIS	SS-25-007	477469.97	1348476.70	0.20	UNV	pCi/g	1.4	pCi/g	0	0.16	NO
Cesium-137	CIS	SL-25-014	477019.78	1348477.40	0.39	NV	pCi/g	1.4	pCi/g	0.5	1	NO
Cesium-137	CIS	SS-25-012	477019.78	1348477.40	0.40	UNV	pCi/g	1.4	pCi/g	0	0.17	NO
Cesium-137	CIS	SS-25-018	477013.62	1348483.23	0.40	NV	pCi/g	1.4	pCi/g	0	0.18	NO
Cesium-137	CIS	SS-25-001	477470.30	1348464.71	0.50	UNV	pCi/g	1.4	pCi/g	0	0.16	NO
Cesium-137	CIS	SL-25-020	477013.62	1348483.23	0.60	UNV	pCi/g	1.4	pCi/g	0.5	1	NO
Cesium-137	CIS	SS-25-008	477469.97	1348476.70	0.60	UNV	pCi/g	1.4	pCi/g	0	0.16	NO
Cesium-137	CIS	SS-25-015	477033.13	1348464.76	0.60	UNV	pCi/g	1.4	pCi/g	0	0.16	NO
Cesium-137	CIS	SS-25-015	477033.13	1348464.76	0.60	NV	pCi/g	1.4	pCi/g	0	0.16	NO
Cesium-137	CIS	SL-25-017	477033.13	1348464.76	0.80	UNV	pCi/g	1.4	pCi/g	0.5	1	NO
Cesium-137	RI/FS	112241	477170.36	1348501.23	0.84	NV	pCi/g	1.4	pCi/g	0	0.5	NO
Cesium-137	CIS	SL-25-011	477188.86	1348256.93	0.90	UNV	pCi/g	1.4	pCi/g	0.16	0.5	NO
Cesium-137	CIS	SS-25-004	477175.19	1348281.56	0.90	UNV	pCi/g	1.4	pCi/g	0	0.16	NO
Cesium-137	CIS	SL-25-019	477013.62	1348483.23	1.00	UNV	pCi/g	1.4	pCi/g	0.16	0.5	NO
Cesium-137	CIS	SL-25-005D	477175.19	1348281.56	1.20	UNV	pCi/g	1.4	pCi/g	0.16	0.5	NO
Cesium-137	CIS	SL-25-013	477019.78	1348477.40	1.20	UNV	pCi/g	1.4	pCi/g	0.17	0.5	NO
Cesium-137	CIS	SL-25-014	477019.78	1348477.40	1.30	UNV	pCi/g	1.4	pCi/g	0.5	1	NO
Cesium-137	CIS	SL-25-016	477033.13	1348464.76	1.40	UNV	pCi/g	1.4	pCi/g	0.17	0.5	NO
Chlorobenzene	RI/FS	112123	477270.90	1348424.39	12.00	UNV	ug/kg	340000	ug/kg	25.5	27.5	NO
Chlorobenzene	RI/FS	112123	477270.90	1348424.39	12.00	UNV	ug/kg	340000	ug/kg	25.5	27.5	NO
Chlorobenzene	RI/FS	112129	477309.74	1348528.82	12.00	UNV	ug/kg	340000	ug/kg	0	2	NO
Chlorobenzene	RI/FS	112255	477265.40	1348609.79	14.00	UNV	ug/kg	340000	ug/kg	0	0.5	NO
Chlorobenzene	RI/FS	112255	477265.40	1348609.79	14.00	UNV	ug/kg	340000	ug/kg	0	0.5	NO
Chlorobenzene	RI/FS	112129	477309.74	1348528.82	79.00	NV	ug/kg	340000	ug/kg	0	2	NO
Chlorobenzene	UNKNOWN	067706	477250.80	1348484.51	790.00	UNV	ug/kg	340000	ug/kg	6	7.5	NO
Chlorobenzene	UNKNOWN	067711	477250.80	1348484.51	810.00	UNV	ug/kg	340000	ug/kg	13.5	15	NO

APPENDIX A
RI/FS HISTORICAL NONVALIDATED DATA

Parameter	Sampling Program	Sample ID	Northing	Easting	Result	Qualifier	Units	FRL	Units	Top Depth	Bottom Depth	Above FRL
Chlorobenzene	RI/FS	112157	477309.74	1348528.82	1500.00	UNV	ug/kg	340000	ug/kg	24	26	NO
Chlorobenzene	RI/FS	112157	477309.74	1348528.82	1500.00	UNV	ug/kg	340000	ug/kg	24	26	NO
Chloroform	RI/FS	112123	477270.90	1348424.39	12.00	UNV	ug/kg	45000	ug/kg	25.5	27.5	NO
Chloroform	RI/FS	112123	477270.90	1348424.39	12.00	UNV	ug/kg	45000	ug/kg	25.5	27.5	NO
Chloroform	RI/FS	112129	477309.74	1348528.82	12.00	UNV	ug/kg	45000	ug/kg	0	2	NO
Chloroform	RI/FS	112129	477309.74	1348528.82	12.00	UNV	ug/kg	45000	ug/kg	0	2	NO
Chloroform	RI/FS	112255	477265.40	1348609.79	14.00	UNV	ug/kg	45000	ug/kg	0	0.5	NO
Chloroform	RI/FS	112255	477265.40	1348609.79	14.00	UNV	ug/kg	45000	ug/kg	0	0.5	NO
Chloroform	UNKNOWN	067706	477250.80	1348484.51	790.00	UNV	ug/kg	45000	ug/kg	6	7.5	NO
Chloroform	UNKNOWN	067711	477250.80	1348484.51	810.00	UNV	ug/kg	45000	ug/kg	13.5	15	NO
Chloroform	RI/FS	112157	477309.74	1348528.82	1500.00	UNV	ug/kg	45000	ug/kg	24	26	NO
Chloroform	RI/FS	112157	477309.74	1348528.82	1500.00	UNV	ug/kg	45000	ug/kg	24	26	NO
Chromium	UNKNOWN	067149	477346.84	1348570.61	19.81	NV	mg/kg	300	mg/kg	9	10.5	NO
Chrysene	UNKNOWN	067706	477250.80	1348484.51	420.00	UNV	ug/kg	2000000	ug/kg	6	7.5	NO
Chrysene	UNKNOWN	067711	477250.80	1348484.51	430.00	UNV	ug/kg	2000000	ug/kg	13.5	15	NO
Chrysene	RI/FS	112255	477265.40	1348609.79	460.00	UNV	ug/kg	2000000	ug/kg	0	0.5	NO
Chrysene	RI/FS	112255	477265.40	1348609.79	470.00	UNV	ug/kg	2000000	ug/kg	0	0.5	NO
Cobalt	UNKNOWN	067149	477346.84	1348570.61	12.42	NV	mg/kg	740	mg/kg	9	10.5	NO
Copper	UNKNOWN	067149	477346.84	1348570.61	60.65	NV	mg/kg	220000	mg/kg	9	10.5	NO
Cyanide	UNKNOWN	067149	477346.84	1348570.61	0.66	NV	mg/kg	120000	mg/kg	9	10.5	NO
Dibenzo(a,h)anthracene	UNKNOWN	067706	477250.80	1348484.51	420.00	UNV	ug/kg	2000	ug/kg	6	7.5	NO
Dibenzo(a,h)anthracene	UNKNOWN	067711	477250.80	1348484.51	430.00	UNV	ug/kg	2000	ug/kg	13.5	15	NO
Dibenzo(a,h)anthracene	RI/FS	112255	477265.40	1348609.79	460.00	UNV	ug/kg	2000	ug/kg	0	0.5	NO
Dibenzo(a,h)anthracene	RI/FS	112255	477265.40	1348609.79	470.00	UNV	ug/kg	2000	ug/kg	0	0.5	NO
Dieldrin	RI/FS	112255	477265.40	1348609.79	23.00	NV	ug/kg	15	ug/kg	0	0.5	YES
Dieldrin	RI/FS	112255	477265.40	1348609.79	31.00	NV	ug/kg	15	ug/kg	0	0.5	YES
Dieldrin	RI/FS	112091	477270.90	1348424.39	38.00	NV	ug/kg	15	ug/kg	0	1.5	YES
Dieldrin	RI/FS	112091	477270.90	1348424.39	41.00	NV	ug/kg	15	ug/kg	0	1.5	YES
Di-n-octyl phthalate	UNKNOWN	067706	477250.80	1348484.51	420.00	UNV	ug/kg	1100000	ug/kg	6	7.5	NO
Di-n-octyl phthalate	UNKNOWN	067711	477250.80	1348484.51	430.00	UNV	ug/kg	1100000	ug/kg	13.5	15	NO
Di-n-octyl phthalate	RI/FS	112255	477265.40	1348609.79	460.00	UNV	ug/kg	1100000	ug/kg	0	0.5	NO
Di-n-octyl phthalate	RI/FS	112255	477265.40	1348609.79	470.00	UNV	ug/kg	1100000	ug/kg	0	0.5	NO
Ethylbenzene	RI/FS	112123	477270.90	1348424.39	12.00	UNV	ug/kg	5100000	ug/kg	25.5	27.5	NO

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APPENDIX A
RI/FS HISTORICAL NONVALIDATED DATA

Parameter	Sampling Program	Sample ID	Northing	Easting	Result	Qualifier	Units	FRL	Units	Top Depth	Bottom Depth	Above FRL
Ethylbenzene	RI/FS	112123	477270.90	1348424.39	12.00	UNV	ug/kg	5100000	ug/kg	25.5	27.5	NO
Ethylbenzene	RI/FS	112129	477309.74	1348528.82	12.00	UNV	ug/kg	5100000	ug/kg	0	2	NO
Ethylbenzene	RI/FS	112129	477309.74	1348528.82	12.00	UNV	ug/kg	5100000	ug/kg	0	2	NO
Ethylbenzene	RI/FS	112255	477265.40	1348609.79	14.00	UNV	ug/kg	5100000	ug/kg	0	0.5	NO
Ethylbenzene	RI/FS	112255	477265.40	1348609.79	14.00	UNV	ug/kg	5100000	ug/kg	0	0.5	NO
Ethylbenzene	UNKNOWN	067706	477250.80	1348484.51	790.00	UNV	ug/kg	5100000	ug/kg	6	7.5	NO
Ethylbenzene	UNKNOWN	067711	477250.80	1348484.51	810.00	UNV	ug/kg	5100000	ug/kg	13.5	15	NO
Ethylbenzene	RI/FS	112157	477309.74	1348528.82	1500.00	UNV	ug/kg	5100000	ug/kg	24	26	NO
Ethylbenzene	RI/FS	112157	477309.74	1348528.82	1500.00	UNV	ug/kg	5100000	ug/kg	24	26	NO
Indeno(1,2,3-cd)pyrene	UNKNOWN	067706	477250.80	1348484.51	420.00	UNV	ug/kg	20000	ug/kg	6	7.5	NO
Indeno(1,2,3-cd)pyrene	UNKNOWN	067711	477250.80	1348484.51	430.00	UNV	ug/kg	20000	ug/kg	13.5	15	NO
Indeno(1,2,3-cd)pyrene	RI/FS	112255	477265.40	1348609.79	460.00	UNV	ug/kg	20000	ug/kg	0	0.5	NO
Indeno(1,2,3-cd)pyrene	RI/FS	112255	477265.40	1348609.79	470.00	UNV	ug/kg	20000	ug/kg	0	0.5	NO
Lead	UNKNOWN	067149	477346.84	1348570.61	51.66	NV	mg/kg	400	mg/kg	9	10.5	NO
Manganese	UNKNOWN	067149	477346.84	1348570.61	30.77	NV	mg/kg	4600	mg/kg	9	10.5	NO
Mercury	UNKNOWN	067149	477346.84	1348570.61	0.22	NV	mg/kg	7.5	mg/kg	9	10.5	NO
Methylene chloride	RI/FS	112255	477265.40	1348609.79	10.00	NV	ug/kg	37000	ug/kg	0	0.5	NO
Methylene chloride	RI/FS	112123	477270.90	1348424.39	12.00	UNV	ug/kg	37000	ug/kg	25.5	27.5	NO
Methylene chloride	RI/FS	112123	477270.90	1348424.39	12.00	UNV	ug/kg	37000	ug/kg	25.5	27.5	NO
Methylene chloride	RI/FS	112255	477265.40	1348609.79	12.00	NV	ug/kg	37000	ug/kg	0	0.5	NO
Methylene chloride	RI/FS	112129	477309.74	1348528.82	19.00	NV	ug/kg	37000	ug/kg	0	2	NO
Methylene chloride	RI/FS	112129	477309.74	1348528.82	52.00	NV	ug/kg	37000	ug/kg	0	2	NO
Methylene chloride	UNKNOWN	067706	477250.80	1348484.51	790.00	NV	ug/kg	37000	ug/kg	6	7.5	NO
Methylene chloride	UNKNOWN	067711	477250.80	1348484.51	810.00	NV	ug/kg	37000	ug/kg	13.5	15	NO
Methylene chloride	RI/FS	112157	477309.74	1348528.82	1100.00	NV	ug/kg	37000	ug/kg	24	26	NO
Methylene chloride	RI/FS	112157	477309.74	1348528.82	1600.00	NV	ug/kg	37000	ug/kg	24	26	NO
Molybdenum	UNKNOWN	067149	477346.84	1348570.61	18.67	NV	mg/kg	2900	mg/kg	9	10.5	NO
Neptunium-237	CIS	SL-25-014	477019.78	1348477.40	0.04	UNV	pCi/g	3.2	pCi/g	0.5	1	NO
Neptunium-237	RI/FS	112157	477309.74	1348528.82	0.05	N	pCi/g	3.2	pCi/g	24	26	NO
Neptunium-237	RI/FS	112248	477224.32	1348641.68	0.06	N	pCi/g	3.2	pCi/g	0	0.5	NO
Neptunium-237	RI/FS	112251	477414.67	1348588.29	0.06	N	pCi/g	3.2	pCi/g	0	0.5	NO
Neptunium-237	RI/FS	112117	477270.90	1348424.39	0.06	N	pCi/g	3.2	pCi/g	20	22	NO
Neptunium-237	RI/FS	112129	477309.74	1348528.82	0.08	N	pCi/g	3.2	pCi/g	0	2	NO

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APPENDIX A
RI/FS HISTORICAL NONVALIDATED DATA

Parameter	Sampling Program	Sample ID	Northing	Easting	Result	Qualifier	Units	FRL	Units	Top Depth	Bottom Depth	Above FRL
Neptunium-237	RI/FS	112130	477309.74	1348528.82	0.11	N	pCi/g	3.2	pCi/g	2	4	NO
Neptunium-237	RI/FS	112241	477170.36	1348501.23	0.12	N	pCi/g	3.2	pCi/g	0	0.5	NO
Neptunium-237	RI/FS	112092	477270.90	1348424.39	0.12	N	pCi/g	3.2	pCi/g	2	4	NO
Neptunium-237	RI/FS	112181	477395.53	1348495.36	0.12	N	pCi/g	3.2	pCi/g	19	21	NO
Neptunium-237	RI/FS	112249	477353.66	1348669.64	0.12	N	pCi/g	3.2	pCi/g	0	0.5	NO
Neptunium-237	RI/FS	112123	477270.90	1348424.39	0.15	N	pCi/g	3.2	pCi/g	25.5	27.5	NO
Neptunium-237	RI/FS	112153	477309.74	1348528.82	0.15	N	pCi/g	3.2	pCi/g	20	22	NO
Neptunium-237	RI/FS	112126	477270.90	1348424.39	0.19	N	pCi/g	3.2	pCi/g	29.5	31.5	NO
Neptunium-237	RI/FS	112161	477395.53	1348495.36	0.28	N	pCi/g	3.2	pCi/g	2	4	NO
Neptunium-237	RI/FS	112160	477395.53	1348495.36	0.30	N	pCi/g	3.2	pCi/g	0	2	NO
Neptunium-237	RI/FS	112180	477395.53	1348495.36	0.41	N	pCi/g	3.2	pCi/g	17	19	NO
Neptunium-237	RI/FS	112167	477395.53	1348495.36	0.45	N	pCi/g	3.2	pCi/g	8	10	NO
Neptunium-237	UNKNOWN	008990	477050.57	1348592.44	0.60	UNV	pCi/g	3.2	pCi/g	95	96.5	NO
Neptunium-237	RI/FS	112129	477309.74	1348528.82	0.60	UNV	pCi/g	3.2	pCi/g	0	2	NO
Neptunium-237	RI/FS	112241	477170.36	1348501.23	0.60	UNV	pCi/g	3.2	pCi/g	0	0.5	NO
Neptunium-237	RI/FS	112091	477270.90	1348424.39	5.48	NV	pCi/g	3.2	pCi/g	0	1.5	YES
Nickel	UNKNOWN	067149	477346.84	1348570.61	32.01	NV	mg/kg	15000	mg/kg	9	10.5	NO
N-Nitroso-di-n-propylamine	UNKNOWN	067706	477250.80	1348484.51	420.00	UNV	ug/kg	200	ug/kg	6	7.5	YES
N-Nitroso-di-n-propylamine	UNKNOWN	067711	477250.80	1348484.51	430.00	UNV	ug/kg	200	ug/kg	13.5	15	YES
N-Nitroso-di-n-propylamine	RI/FS	112255	477265.40	1348609.79	1200.00	NV	ug/kg	200	ug/kg	0	0.5	YES
N-Nitroso-di-n-propylamine	RI/FS	112255	477265.40	1348609.79	1500.00	NV	ug/kg	200	ug/kg	0	0.5	YES
N-Nitrosodiphenylamine	UNKNOWN	067706	477250.80	1348484.51	420.00	UNV	ug/kg	51000	ug/kg	6	7.5	NO
N-Nitrosodiphenylamine	UNKNOWN	067711	477250.80	1348484.51	430.00	UNV	ug/kg	51000	ug/kg	13.5	15	NO
N-Nitrosodiphenylamine	RI/FS	112255	477265.40	1348609.79	460.00	UNV	ug/kg	51000	ug/kg	0	0.5	NO
N-Nitrosodiphenylamine	RI/FS	112255	477265.40	1348609.79	470.00	UNV	ug/kg	51000	ug/kg	0	0.5	NO
Pentachlorophenol	RI/FS	112255	477265.40	1348609.79	1900.00	NV	ug/kg	2300	ug/kg	0	0.5	NO
Pentachlorophenol	UNKNOWN	067706	477250.80	1348484.51	2000.00	UNV	ug/kg	2300	ug/kg	6	7.5	NO
Pentachlorophenol	UNKNOWN	067711	477250.80	1348484.51	2100.00	UNV	ug/kg	2300	ug/kg	13.5	15	NO
Pentachlorophenol	RI/FS	112255	477265.40	1348609.79	2200.00	NV	ug/kg	2300	ug/kg	0	0.5	NO
Plutonium-238	UNKNOWN	008990	477050.57	1348592.44	0.60	UNV	pCi/g	78	pCi/g	95	96.5	NO
Plutonium-238	RI/FS	112129	477309.74	1348528.82	0.60	UNV	pCi/g	78	pCi/g	0	2	NO
Plutonium-238	RI/FS	112241	477170.36	1348501.23	0.60	UNV	pCi/g	78	pCi/g	0	0.5	NO
Plutonium-239/240	UNKNOWN	008990	477050.57	1348592.44	0.60	UNV	pCi/g	77	pCi/g	95	96.5	NO

**APPENDIX A
RI/FS HISTORICAL NONVALIDATED DATA**

Parameter	Sampling Program	Sample ID	Northing	Easting	Result	Qualifier	Units	FRL	Units	Top Depth	Bottom Depth	Above FRL
Plutonium-239/240	RI/FS	112129	477309.74	1348528.82	0.60	UNV	pCi/g	77	pCi/g	0	2	NO
Plutonium-239/240	RI/FS	112241	477170.36	1348501.23	0.60	UNV	pCi/g	77	pCi/g	0	0.5	NO
Radium-226	UNKNOWN	008990	477050.57	1348592.44	0.40	NV	pCi/g	1.7	pCi/g	95	96.5	NO
Radium-226	CIS	SL-25-002	477470.30	1348464.71	0.40	UNV	pCi/g	1.7	pCi/g	0.16	0.5	NO
Radium-226	REMEDIAL ACTION	A2P1-NWU-26A-5-R	477025.00	1348479.00	0.56	NV	pCi/g	1.7	pCi/g			NO
Radium-226	CIS	SS-25-001	477470.30	1348464.71	0.60	NV	pCi/g	1.7	pCi/g	0	0.16	NO
Radium-226	CIS	SS-25-007	477469.97	1348476.70	0.70	NV	pCi/g	1.7	pCi/g	0	0.16	NO
Radium-226	REMEDIAL ACTION	A2P1-NWU-27-7-R	477023.00	1348557.00	0.71	NV	pCi/g	1.7	pCi/g			NO
Radium-226	REMEDIAL ACTION	A2P1-NWU-26B-5-R	477024.00	1348483.00	0.72	NV	pCi/g	1.7	pCi/g			NO
Radium-226	CIS	SL-25-020	477013.62	1348483.23	0.80	NV	pCi/g	1.7	pCi/g	0.5	1	NO
Radium-226	CIS	SS-25-008	477469.97	1348476.70	0.80	UNV	pCi/g	1.7	pCi/g	0	0.16	NO
Radium-226	CIS	SS-25-010	477188.86	1348256.93	0.80	NV	pCi/g	1.7	pCi/g	0	0.16	NO
Radium-226	REMEDIAL ACTION	A2P1-NWU-27-1-R	477023.00	1348557.00	0.87	NV	pCi/g	1.7	pCi/g			NO
Radium-226	REMEDIAL ACTION	A2P1-NWU-26B-1-R	477024.00	1348483.00	0.90	NV	pCi/g	1.7	pCi/g			NO
Radium-226	CIS	SL-25-005	477175.19	1348281.56	0.90	NV	pCi/g	1.7	pCi/g	0.16	0.5	NO
Radium-226	REMEDIAL ACTION	A2P1-NWU-26A-1-R	477025.00	1348479.00	0.98	NV	pCi/g	1.7	pCi/g			NO
Radium-226	REMEDIAL ACTION	A2P1-NWU-26D-1-R	477024.00	1348470.00	0.99	NV	pCi/g	1.7	pCi/g			NO
Radium-226	REMEDIAL ACTION	A2P1-NWU-26D-5-R	477024.00	1348470.00	1.00	NV	pCi/g	1.7	pCi/g			NO
Radium-226	CIS	SL-25-011	477188.86	1348256.93	1.10	NV	pCi/g	1.7	pCi/g	0.16	0.5	NO
Radium-226	RI/FS	112241	477170.36	1348501.23	1.16	NV	pCi/g	1.7	pCi/g	0	0.5	NO
Radium-226	REMEDIAL ACTION	A2P1-NWU-25-1-R	477136.00	1348320.00	1.20	NV	pCi/g	1.7	pCi/g			NO
Radium-226	REMEDIAL ACTION	A2P1-NWU-25-3-R	477136.00	1348320.00	1.20	NV	pCi/g	1.7	pCi/g			NO
Radium-226	CIS	SL-25-005D	477175.19	1348281.56	1.40	NV	pCi/g	1.7	pCi/g	0.16	0.5	NO
Radium-226	CIS	SS-25-004	477175.19	1348281.56	1.60	NV	pCi/g	1.7	pCi/g	0	0.16	NO
Radium-226	REMEDIAL ACTION	A2P1-NWU-25-2-R	477136.00	1348320.00	3.10	NV	pCi/g	1.7	pCi/g			YES
Radium-226	CIS	SS-25-018	477013.62	1348483.23	3.10	NV	pCi/g	1.7	pCi/g	0	0.18	YES
Radium-226	RI/FS	112252	477251.96	1348341.16	3.20	NV	pCi/g	1.7	pCi/g	0	0.5	YES
Radium-226	RI/FS	112145	477309.74	1348528.82	3.30	NV	pCi/g	1.7	pCi/g	13	15	YES
Radium-226	RI/FS	112129	477309.74	1348528.82	3.49	NV	pCi/g	1.7	pCi/g	0	2	YES
Radium-226	CIS	SL-25-019	477013.62	1348483.23	3.50	NV	pCi/g	1.7	pCi/g	0.16	0.5	YES
Radium-226	CIS	SL-25-017	477033.13	1348464.76	5.80	NV	pCi/g	1.7	pCi/g	0.5	1	YES
Radium-226	CIS	SS-25-015	477033.13	1348464.76	6.00	NV	pCi/g	1.7	pCi/g	0	0.16	YES
Radium-226	CIS	SS-25-015	477033.13	1348464.76	6.60	NV	pCi/g	1.7	pCi/g	0	0.16	YES

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APPENDIX A
RI/FS HISTORICAL NONVALIDATED DATA

Parameter	Sampling Program	Sample ID	Northing	Easting	Result	Qualifier	Units	FRL	Units	Top Depth	Bottom Depth	Above FRL
Radium-226	CIS	SL-25-016	477033.13	1348464.76	7.90	NV	pCi/g	1.7	pCi/g	0.17	0.5	YES
Radium-226	CIS	SS-25-012	477019.78	1348477.40	10.20	NV	pCi/g	1.7	pCi/g	0	0.17	YES
Radium-226	CIS	SL-25-014	477019.78	1348477.40	10.70	NV	pCi/g	1.7	pCi/g	0.5	1	YES
Radium-226	CIS	SL-25-013	477019.78	1348477.40	10.80	NV	pCi/g	1.7	pCi/g	0.17	0.5	YES
Radium-228	REMEDIAL ACTION	A2P1-NWU-26A-5-R	477025.00	1348479.00	0.28	NV	pCi/g	1.8	pCi/g			NO
Radium-228	REMEDIAL ACTION	A2P1-NWU-27-7-R	477023.00	1348557.00	0.29	NV	pCi/g	1.8	pCi/g			NO
Radium-228	REMEDIAL ACTION	A2P1-NWU-26B-5-R	477024.00	1348483.00	0.37	NV	pCi/g	1.8	pCi/g			NO
Radium-228	UNKNOWN	008990	477050.57	1348592.44	0.50	UNV	pCi/g	1.8	pCi/g	95	96.5	NO
Radium-228	REMEDIAL ACTION	A2P1-NWU-26A-1-R	477025.00	1348479.00	0.50	NV	pCi/g	1.8	pCi/g			NO
Radium-228	REMEDIAL ACTION	A2P1-NWU-26D-5-R	477024.00	1348470.00	0.57	NV	pCi/g	1.8	pCi/g			NO
Radium-228	REMEDIAL ACTION	A2P1-NWU-27-1-R	477023.00	1348557.00	0.58	NV	pCi/g	1.8	pCi/g			NO
Radium-228	REMEDIAL ACTION	A2P1-NWU-26D-1-R	477024.00	1348470.00	0.63	NV	pCi/g	1.8	pCi/g			NO
Radium-228	REMEDIAL ACTION	A2P1-NWU-26B-1-R	477024.00	1348483.00	0.65	NV	pCi/g	1.8	pCi/g			NO
Radium-228	REMEDIAL ACTION	A2P1-NWU-25-1-R	477136.00	1348320.00	0.70	NV	pCi/g	1.8	pCi/g			NO
Radium-228	REMEDIAL ACTION	A2P1-NWU-25-3-R	477136.00	1348320.00	0.76	NV	pCi/g	1.8	pCi/g			NO
Radium-228	RI/FS	112241	477170.36	1348501.23	0.96	NV	pCi/g	1.8	pCi/g	0	0.5	NO
Radium-228	RI/FS	112145	477309.74	1348528.82	2.20	NV	pCi/g	1.8	pCi/g	13	15	YES
Radium-228	REMEDIAL ACTION	A2P1-NWU-25-2-R	477136.00	1348320.00	2.30	NV	pCi/g	1.8	pCi/g			YES
Radium-228	RI/FS	112252	477251.96	1348341.16	2.55	NV	pCi/g	1.8	pCi/g	0	0.5	YES
Radium-228	RI/FS	112129	477309.74	1348528.82	2.80	NV	pCi/g	1.8	pCi/g	0	2	YES
Selenium	UNKNOWN	067149	477346.84	1348570.61	11.44	NV	mg/kg	5400	mg/kg	9	10.5	NO
Silver	UNKNOWN	067149	477346.84	1348570.61	2.84	UNV	mg/kg	29000	mg/kg	9	10.5	NO
Strontium-90	UNKNOWN	008990	477050.57	1348592.44	0.50	UNV	pCi/g	14	pCi/g	95	96.5	NO
Strontium-90	RI/FS	112129	477309.74	1348528.82	0.50	UNV	pCi/g	14	pCi/g	0	2	NO
Strontium-90	RI/FS	112241	477170.36	1348501.23	0.50	UNV	pCi/g	14	pCi/g	0	0.5	NO
Technetium-99	UNKNOWN	007217	477506.81	1348408.24	0.90	UNV	pCi/g	30	pCi/g	1.5	3	NO
Technetium-99	UNKNOWN	007220	477506.81	1348408.24	0.90	UNV	pCi/g	30	pCi/g	1.5	3	NO
Technetium-99	UNKNOWN	008990	477050.57	1348592.44	0.90	UNV	pCi/g	30	pCi/g	95	96.5	NO
Technetium-99	RI/FS	112129	477309.74	1348528.82	1.00	UNV	pCi/g	30	pCi/g	0	2	NO
Technetium-99	RI/FS	112241	477170.36	1348501.23	1.00	UNV	pCi/g	30	pCi/g	0	0.5	NO
Technetium-99	UNKNOWN	007207	477164.10	1348282.64	2.80	UNV	pCi/g	30	pCi/g	7.5	9	NO
Tetrachloroethene	RI/FS	112123	477270.90	1348424.39	12.00	UNV	ug/kg	3600	ug/kg	25.5	27.5	NO
Tetrachloroethene	RI/FS	112123	477270.90	1348424.39	12.00	UNV	ug/kg	3600	ug/kg	25.5	27.5	NO

**APPENDIX A
RI/FS HISTORICAL NONVALIDATED DATA**

Parameter	Sampling Program	Sample ID	Northing	Easting	Result	Qualifier	Units	FRL	Units	Top Depth	Bottom Depth	Above FRL
Tetrachloroethene	RI/FS	112129	477309.74	1348528.82	12.00	UNV	ug/kg	3600	ug/kg	0	2	NO
Tetrachloroethene	RI/FS	112129	477309.74	1348528.82	12.00	UNV	ug/kg	3600	ug/kg	0	2	NO
Tetrachloroethene	RI/FS	112255	477265.40	1348609.79	14.00	UNV	ug/kg	3600	ug/kg	0	0.5	NO
Tetrachloroethene	RI/FS	112255	477265.40	1348609.79	14.00	UNV	ug/kg	3600	ug/kg	0	0.5	NO
Tetrachloroethene	UNKNOWN	067706	477250.80	1348484.51	790.00	UNV	ug/kg	3600	ug/kg	6	7.5	NO
Tetrachloroethene	UNKNOWN	067711	477250.80	1348484.51	810.00	UNV	ug/kg	3600	ug/kg	13.5	15	NO
Tetrachloroethene	RI/FS	112157	477309.74	1348528.82	1500.00	UNV	ug/kg	3600	ug/kg	24	26	NO
Tetrachloroethene	RI/FS	112157	477309.74	1348528.82	1500.00	UNV	ug/kg	3600	ug/kg	24	26	NO
Thallium	UNKNOWN	067149	477346.84	1348570.61	2.75	NV	mg/kg	91	mg/kg	9	10.5	NO
Thorium-228	REMEDIAL ACTION	A2P1-NWU-26A-5-R	477025.00	1348479.00	0.27	NV	pCi/g	1.7	pCi/g			NO
Thorium-228	REMEDIAL ACTION	A2P1-NWU-27-7-R	477023.00	1348557.00	0.28	NV	pCi/g	1.7	pCi/g			NO
Thorium-228	REMEDIAL ACTION	A2P1-NWU-26B-5-R	477024.00	1348483.00	0.37	NV	pCi/g	1.7	pCi/g			NO
Thorium-228	REMEDIAL ACTION	A2P1-NWU-26A-1-R	477025.00	1348479.00	0.49	NV	pCi/g	1.7	pCi/g			NO
Thorium-228	REMEDIAL ACTION	A2P1-NWU-26D-5-R	477024.00	1348470.00	0.55	NV	pCi/g	1.7	pCi/g			NO
Thorium-228	REMEDIAL ACTION	A2P1-NWU-27-1-R	477023.00	1348557.00	0.59	NV	pCi/g	1.7	pCi/g			NO
Thorium-228	UNKNOWN	008990	477050.57	1348592.44	0.60	UNV	pCi/g	1.7	pCi/g	95	96.5	NO
Thorium-228	REMEDIAL ACTION	A2P1-NWU-26D-1-R	477024.00	1348470.00	0.62	NV	pCi/g	1.7	pCi/g			NO
Thorium-228	REMEDIAL ACTION	A2P1-NWU-26B-1-R	477024.00	1348483.00	0.64	NV	pCi/g	1.7	pCi/g			NO
Thorium-228	REMEDIAL ACTION	A2P1-NWU-25-1-R	477136.00	1348320.00	0.68	NV	pCi/g	1.7	pCi/g			NO
Thorium-228	REMEDIAL ACTION	A2P1-NWU-25-3-R	477136.00	1348320.00	0.76	NV	pCi/g	1.7	pCi/g			NO
Thorium-228	RI/FS	112241	477170.36	1348501.23	0.98	NV	pCi/g	1.7	pCi/g	0	0.5	NO
Thorium-228	REMEDIAL ACTION	A2P1-NWU-25-2-R	477136.00	1348320.00	2.20	NV	pCi/g	1.7	pCi/g			YES
Thorium-228	CIS	SL-25-014	477019.78	1348477.40	2.21	NV	pCi/g	1.7	pCi/g	0.5	1	YES
Thorium-228	RI/FS	112129	477309.74	1348528.82	2.49	NV	pCi/g	1.7	pCi/g	0	2	YES
Thorium-228	RI/FS	112160	477395.53	1348495.36	3.08	NV	pCi/g	1.7	pCi/g	0	2	YES
Thorium-230	UNKNOWN	008990	477050.57	1348592.44	0.60	UNV	pCi/g	280	pCi/g	95	96.5	NO
Thorium-230	RI/FS	112241	477170.36	1348501.23	1.42	NV	pCi/g	280	pCi/g	0	0.5	NO
Thorium-230	RI/FS	112129	477309.74	1348528.82	3.23	NV	pCi/g	280	pCi/g	0	2	NO
Thorium-230	RI/FS	112160	477395.53	1348495.36	4.31	NV	pCi/g	280	pCi/g	0	2	NO
Thorium-230	CIS	SL-25-014	477019.78	1348477.40	14.51	NV	pCi/g	280	pCi/g	0.5	1	NO
Thorium-230	CIS	SL-25-016	477033.13	1348464.76	52.23	NV	pCi/g	280	pCi/g	0.17	0.5	NO
Thorium-232	CIS	SL-25-019	477013.62	1348483.23	0.20	UNV	pCi/g	1.5	pCi/g	0.16	0.5	NO
Thorium-232	REMEDIAL ACTION	A2P1-NWU-26A-5-R	477025.00	1348479.00	0.28	NV	pCi/g	1.5	pCi/g			NO

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APPENDIX A
R/FS HISTORICAL NONVALIDATED DATA

Parameter	Sampling Program	Sample ID	Northing	Easting	Result	Qualifier	Units	FRL	Units	Top Depth	Bottom Depth	Above FRL
Thorium-232	REMEDIAL ACTION	A2P1-NWU-27-7-R	477023.00	1348557.00	0.29	NV	pCi/g	1.5	pCi/g			NO
Thorium-232	CIS	SL-25-017	477033.13	1348464.76	0.30	UNV	pCi/g	1.5	pCi/g	0.5	1	NO
Thorium-232	REMEDIAL ACTION	A2P1-NWU-26B-5-R	477024.00	1348483.00	0.37	NV	pCi/g	1.5	pCi/g			NO
Thorium-232	REMEDIAL ACTION	A2P1-NWU-26A-1-R	477025.00	1348479.00	0.50	NV	pCi/g	1.5	pCi/g			NO
Thorium-232	CIS	SL-25-020	477013.62	1348483.23	0.50	NV	pCi/g	1.5	pCi/g	0.5	1	NO
Thorium-232	REMEDIAL ACTION	A2P1-NWU-26D-5-R	477024.00	1348470.00	0.57	NV	pCi/g	1.5	pCi/g			NO
Thorium-232	REMEDIAL ACTION	A2P1-NWU-27-1-R	477023.00	1348557.00	0.58	NV	pCi/g	1.5	pCi/g			NO
Thorium-232	UNKNOWN	008990	477050.57	1348592.44	0.60	UNV	pCi/g	1.5	pCi/g	95	96.5	NO
Thorium-232	CIS	SL-25-002	477470.30	1348464.71	0.60	NV	pCi/g	1.5	pCi/g	0.16	0.5	NO
Thorium-232	REMEDIAL ACTION	A2P1-NWU-26D-1-R	477024.00	1348470.00	0.63	NV	pCi/g	1.5	pCi/g			NO
Thorium-232	REMEDIAL ACTION	A2P1-NWU-26B-1-R	477024.00	1348483.00	0.65	NV	pCi/g	1.5	pCi/g			NO
Thorium-232	REMEDIAL ACTION	A2P1-NWU-25-1-R	477136.00	1348320.00	0.70	NV	pCi/g	1.5	pCi/g			NO
Thorium-232	CIS	SS-25-001	477470.30	1348464.71	0.70	NV	pCi/g	1.5	pCi/g	0	0.16	NO
Thorium-232	REMEDIAL ACTION	A2P1-NWU-25-3-R	477136.00	1348320.00	0.76	NV	pCi/g	1.5	pCi/g			NO
Thorium-232	CIS	SS-25-008	477469.97	1348476.70	0.80	NV	pCi/g	1.5	pCi/g	0	0.16	NO
Thorium-232	R/FS	112241	477170.36	1348501.23	0.89	NV	pCi/g	1.5	pCi/g	0	0.5	NO
Thorium-232	CIS	SL-25-014	477019.78	1348477.40	0.95	NV	pCi/g	1.5	pCi/g	0.5	1	NO
Thorium-232	CIS	SL-25-011	477188.86	1348256.93	1.00	NV	pCi/g	1.5	pCi/g	0.16	0.5	NO
Thorium-232	CIS	SS-25-007	477469.97	1348476.70	1.10	NV	pCi/g	1.5	pCi/g	0	0.16	NO
Thorium-232	CIS	SL-25-005D	477175.19	1348281.56	1.40	NV	pCi/g	1.5	pCi/g	0.16	0.5	NO
Thorium-232	CIS	SS-25-010	477188.86	1348256.93	1.50	NV	pCi/g	1.5	pCi/g	0	0.16	NO
Thorium-232	CIS	SS-25-012	477019.78	1348477.40	1.60	NV	pCi/g	1.5	pCi/g	0	0.17	YES
Thorium-232	CIS	SL-25-005	477175.19	1348281.56	2.20	NV	pCi/g	1.5	pCi/g	0.16	0.5	YES
Thorium-232	REMEDIAL ACTION	A2P1-NWU-25-2-R	477136.00	1348320.00	2.30	NV	pCi/g	1.5	pCi/g			YES
Thorium-232	R/FS	112129	477309.74	1348528.82	2.66	NV	pCi/g	1.5	pCi/g	0	2	YES
Thorium-232	CIS	SS-25-015	477033.13	1348464.76	2.80	UNV	pCi/g	1.5	pCi/g	0	0.16	YES
Thorium-232	R/FS	112160	477395.53	1348495.36	2.90	NV	pCi/g	1.5	pCi/g	0	2	YES
Thorium-232	CIS	SL-25-016	477033.13	1348464.76	2.91	NV	pCi/g	1.5	pCi/g	0.17	0.5	YES
Thorium-232	CIS	SL-25-014	477019.78	1348477.40	3.80	UNV	pCi/g	1.5	pCi/g	0.5	1	YES
Thorium-232	CIS	SS-25-018	477013.62	1348483.23	4.70	UNV	pCi/g	1.5	pCi/g	0	0.18	YES
Thorium-232	CIS	SS-25-015	477033.13	1348464.76	5.30	UNV	pCi/g	1.5	pCi/g	0	0.16	YES
Thorium-232	CIS	SL-25-013	477019.78	1348477.40	5.50	UNV	pCi/g	1.5	pCi/g	0.17	0.5	YES
Thorium-232	CIS	SL-25-016	477033.13	1348464.76	6.00	UNV	pCi/g	1.5	pCi/g	0.17	0.5	YES

APPENDIX A
RI/FS HISTORICAL NONVALIDATED DATA

Parameter	Sampling Program	Sample ID	Northing	Easting	Result	Qualifier	Units	FRL	Units	Top Depth	Bottom Depth	Above FRL
Thorium-232	CIS	SS-25-004	477175.19	1348281.56	6.50	UNV	pCi/g	1.5	pCi/g	0	0.16	YES
Toluene	RI/FS	112123	477270.90	1348424.39	12.00	UNV	ug/kg	100000000	ug/kg	25.5	27.5	NO
Toluene	RI/FS	112123	477270.90	1348424.39	12.00	UNV	ug/kg	100000000	ug/kg	25.5	27.5	NO
Toluene	RI/FS	112255	477265.40	1348609.79	14.00	UNV	ug/kg	100000000	ug/kg	0	0.5	NO
Toluene	RI/FS	112255	477265.40	1348609.79	14.00	UNV	ug/kg	100000000	ug/kg	0	0.5	NO
Toluene	RI/FS	112129	477309.74	1348528.82	17.00	NV	ug/kg	100000000	ug/kg	0	2	NO
Toluene	RI/FS	112129	477309.74	1348528.82	210.00	NV	ug/kg	100000000	ug/kg	0	2	NO
Toluene	UNKNOWN	067706	477250.80	1348484.51	790.00	NV	ug/kg	100000000	ug/kg	6	7.5	NO
Toluene	UNKNOWN	067711	477250.80	1348484.51	1100.00	NV	ug/kg	100000000	ug/kg	13.5	15	NO
Toluene	RI/FS	112157	477309.74	1348528.82	1500.00	UNV	ug/kg	100000000	ug/kg	24	26	NO
Toluene	RI/FS	112157	477309.74	1348528.82	1500.00	UNV	ug/kg	100000000	ug/kg	24	26	NO
Trichloroethene	RI/FS	112123	477270.90	1348424.39	12.00	UNV	ug/kg	25000	ug/kg	25.5	27.5	NO
Trichloroethene	RI/FS	112123	477270.90	1348424.39	12.00	UNV	ug/kg	25000	ug/kg	25.5	27.5	NO
Trichloroethene	RI/FS	112255	477265.40	1348609.79	14.00	UNV	ug/kg	25000	ug/kg	0	0.5	NO
Trichloroethene	RI/FS	112255	477265.40	1348609.79	14.00	UNV	ug/kg	25000	ug/kg	0	0.5	NO
Trichloroethene	RI/FS	112129	477309.74	1348528.82	160.00	NV	ug/kg	25000	ug/kg	0	2	NO
Trichloroethene	RI/FS	112129	477309.74	1348528.82	210.00	NV	ug/kg	25000	ug/kg	0	2	NO
Trichloroethene	UNKNOWN	067706	477250.80	1348484.51	790.00	UNV	ug/kg	25000	ug/kg	6	7.5	NO
Trichloroethene	UNKNOWN	067711	477250.80	1348484.51	810.00	UNV	ug/kg	25000	ug/kg	13.5	15	NO
Trichloroethene	RI/FS	112157	477309.74	1348528.82	1500.00	UNV	ug/kg	25000	ug/kg	24	26	NO
Trichloroethene	RI/FS	112157	477309.74	1348528.82	1500.00	UNV	ug/kg	25000	ug/kg	24	26	NO
Uranium, Total	UNKNOWN	008990	477050.57	1348592.44	1.00	NV	mg/kg	50	mg/kg	95	96.5	NO
Uranium, Total	REMEDIAL DESIGN	405815	477575.88	1348361.77	1.00	NV	mg/kg	50	mg/kg			NO
Uranium, Total	REMEDIAL DESIGN	405817	477575.88	1348361.77	1.00	NV	mg/kg	50	mg/kg			NO
Uranium, Total	REMEDIAL DESIGN	405819	477575.88	1348361.77	1.00	NV	mg/kg	50	mg/kg			NO
Uranium, Total	REMEDIAL DESIGN	405821	477575.88	1348361.77	1.00	NV	mg/kg	50	mg/kg			NO
Uranium, Total	REMEDIAL DESIGN	405825	477575.88	1348361.77	1.00	UNV	mg/kg	50	mg/kg			NO
Uranium, Total	REMEDIAL DESIGN	405797	477575.88	1348361.77	2.00	NV	mg/kg	50	mg/kg			NO
Uranium, Total	REMEDIAL DESIGN	405802	477575.88	1348361.77	2.00	NV	mg/kg	50	mg/kg			NO
Uranium, Total	REMEDIAL DESIGN	405827	477575.88	1348361.77	2.00	NV	mg/kg	50	mg/kg			NO
Uranium, Total	REMEDIAL DESIGN	405829	477575.88	1348361.77	2.00	NV	mg/kg	50	mg/kg			NO
Uranium, Total	RI/FS	114069	477309.74	1348528.82	3.00	NV	mg/kg	50	mg/kg	4	5.5	NO
Uranium, Total	REMEDIAL DESIGN	405812	477575.88	1348361.77	3.00	NV	mg/kg	50	mg/kg			NO

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APPENDIX A
RI/FS HISTORICAL NONVALIDATED DATA

Parameter	Sampling Program	Sample ID	Northing	Easting	Result	Qualifier	Units	FRL	Units	Top Depth	Bottom Depth	Above FRL
Uranium, Total	REMEDIAL DESIGN	405823	477575.88	1348361.77	3.00	NV	mg/kg	50	mg/kg			NO
Uranium, Total	REMEDIAL ACTION	A2P1-NWU-27-7-R	477023.00	1348557.00	3.20	NV	mg/kg	50	mg/kg			NO
Uranium, Total	RI/FS	112132	477309.74	1348528.82	4.00	NV	mg/kg	50	mg/kg	4	4.5	NO
Uranium, Total	RI/FS	112133	477309.74	1348528.82	4.00	NV	mg/kg	50	mg/kg	4.5	5	NO
Uranium, Total	RI/FS	112135	477309.74	1348528.82	4.00	NV	mg/kg	50	mg/kg	5.5	6	NO
Uranium, Total	REMEDIAL ACTION	A2P1-NWU-25-3-R	477136.00	1348320.00	4.30	NV	mg/kg	50	mg/kg			NO
Uranium, Total	REMEDIAL DESIGN	405807	477575.88	1348361.77	5.00	NV	mg/kg	50	mg/kg			NO
Uranium, Total	CIS	SL-25-002	477470.30	1348464.71	6.56	NV	mg/kg	50	mg/kg	0.16	0.5	NO
Uranium, Total	CIS	SL-25-005D	477175.19	1348281.56	6.56	NV	mg/kg	50	mg/kg	0.16	0.5	NO
Uranium, Total	REMEDIAL ACTION	A2P1-NWU-27-1-R	477023.00	1348557.00	7.10	NV	mg/kg	50	mg/kg			NO
Uranium, Total	REMEDIAL ACTION	A2P1-NWU-26A-5-R	477025.00	1348479.00	7.90	NV	mg/kg	50	mg/kg			NO
Uranium, Total	REMEDIAL ACTION	A2P1-NWU-26D-1-R	477024.00	1348470.00	7.90	NV	mg/kg	50	mg/kg			NO
Uranium, Total	RI/FS	112252	477251.96	1348341.16	7.94	NV	mg/kg	50	mg/kg	0	0.5	NO
Uranium, Total	REMEDIAL ACTION	A2P1-NWU-26B-5-R	477024.00	1348483.00	8.30	NV	mg/kg	50	mg/kg			NO
Uranium, Total	CIS	SS-25-008	477469.97	1348476.70	8.34	NV	mg/kg	50	mg/kg	0	0.16	NO
Uranium, Total	REMEDIAL ACTION	A2P1-NWU-26D-5-R	477024.00	1348470.00	8.40	NV	mg/kg	50	mg/kg			NO
Uranium, Total	CIS	SL-25-011	477188.86	1348256.93	8.94	NV	mg/kg	50	mg/kg	0.16	0.5	NO
Uranium, Total	RI/FS	112134	477309.74	1348528.82	9.00	NV	mg/kg	50	mg/kg	5	5.5	NO
Uranium, Total	REMEDIAL ACTION	A2P1-NWU-25-1-R	477136.00	1348320.00	9.10	NV	mg/kg	50	mg/kg			NO
Uranium, Total	REMEDIAL ACTION	A2P1-NWU-26B-1-R	477024.00	1348483.00	9.20	NV	mg/kg	50	mg/kg			NO
Uranium, Total	REMEDIAL ACTION	A2P1-NWU-26A-1-R	477025.00	1348479.00	9.50	NV	mg/kg	50	mg/kg			NO
Uranium, Total	REMEDIAL ACTION	FA-W1-37-R	477319.75	1348177.02	10.00	NV	mg/kg	50	mg/kg	0	0.5	NO
Uranium, Total	RI/FS	112129	477309.74	1348528.82	10.30	NV	mg/kg	50	mg/kg	0	2	NO
Uranium, Total	RI/FS	114069	477309.74	1348528.82	11.40	NV	mg/kg	50	mg/kg	4	5.5	NO
Uranium, Total	RI/FS	112145	477309.74	1348528.82	13.20	NV	mg/kg	50	mg/kg	13	15	NO
Uranium, Total	REMEDIAL ACTION	A2P1-NWU-25-2-R	477136.00	1348320.00	14.00	NV	mg/kg	50	mg/kg			NO
Uranium, Total	RI/FS	112241	477170.36	1348501.23	15.30	NV	mg/kg	50	mg/kg	0	0.5	NO
Uranium, Total	CIS	SS-25-015	477033.13	1348464.76	17.88	NV	mg/kg	50	mg/kg	0	0.16	NO
Uranium, Total	CIS	SL-25-016	477033.13	1348464.76	18.18	NV	mg/kg	50	mg/kg	0.17	0.5	NO
Uranium, Total	CIS	SS-25-015	477033.13	1348464.76	19.67	NV	mg/kg	50	mg/kg	0	0.16	NO
Uranium, Total	CIS	SL-25-013	477019.78	1348477.40	20.26	NV	mg/kg	50	mg/kg	0.17	0.5	NO
Uranium, Total	LITIGATION STUDY	SS2223	477056.41	1348632.10	20.70	NV	mg/kg	50	mg/kg	0	0.167	NO
Uranium, Total	CIS	SL-25-019	477013.62	1348483.23	21.75	NV	mg/kg	50	mg/kg	0.16	0.5	NO

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APPENDIX A
R/I/FS HISTORICAL NONVALIDATED DATA

Parameter	Sampling Program	Sample ID	Northing	Easting	Result	Qualifier	Units	FRL	Units	Top Depth	Bottom Depth	Above FRL
Uranium, Total	CIS	SL-25-020	477013.62	1348483.23	22.65	NV	mg/kg	50	mg/kg	0.5	1	NO
Uranium, Total	CIS	SS-25-018	477013.62	1348483.23	27.12	NV	mg/kg	50	mg/kg	0	0.18	NO
Uranium, Total	REMEDIAL DESIGN	405831	477575.88	1348361.77	28.00	NV	mg/kg	50	mg/kg			NO
Uranium, Total	CIS	SS-25-012	477019.78	1348477.40	28.31	NV	mg/kg	50	mg/kg	0	0.17	NO
Uranium, Total	CIS	SS-25-007	477469.97	1348476.70	30.10	NV	mg/kg	50	mg/kg	0	0.16	NO
Uranium, Total	CIS	SS-25-001	477470.30	1348464.71	31.29	NV	mg/kg	50	mg/kg	0	0.16	NO
Uranium, Total	CIS	SS-25-004	477175.19	1348281.56	32.18	NV	mg/kg	50	mg/kg	0	0.16	NO
Uranium, Total	CIS	SL-25-005	477175.19	1348281.56	41.42	NV	mg/kg	50	mg/kg	0.16	0.5	NO
Uranium, Total	CIS	SS-25-010	477188.86	1348256.93	51.85	NV	mg/kg	50	mg/kg	0	0.16	YES
Uranium, Total	CIS	SL-25-016	477033.13	1348464.76	55.70	NV	mg/kg	50	mg/kg	0.17	0.5	YES
Uranium, Total	CIS	SL-25-017	477033.13	1348464.76	87.91	NV	mg/kg	50	mg/kg	0.5	1	YES
Uranium, Total	REMEDIAL DESIGN	405792	477575.88	1348361.77	900.00	NV	mg/kg	50	mg/kg			YES
Uranium, Total	CIS	SL-25-014	477019.78	1348477.40		NV	mg/kg	50	mg/kg	0.5	1	NO
Uranium, Total	CIS	SL-25-014	477019.78	1348477.40		NV	mg/kg	50	mg/kg	0.5	1	NO
Vanadium	UNKNOWN	067149	477346.84	1348570.61	36.97	NV	mg/kg	5100	mg/kg	9	10.5	NO
Vinyl chloride	R/I/FS	112123	477270.90	1348424.39	12.00	UNV	ug/kg	130	ug/kg	25.5	27.5	NO
Vinyl chloride	R/I/FS	112123	477270.90	1348424.39	12.00	UNV	ug/kg	130	ug/kg	25.5	27.5	NO
Vinyl chloride	R/I/FS	112129	477309.74	1348528.82	12.00	UNV	ug/kg	130	ug/kg	0	2	NO
Vinyl chloride	R/I/FS	112129	477309.74	1348528.82	12.00	UNV	ug/kg	130	ug/kg	0	2	NO
Vinyl chloride	R/I/FS	112255	477265.40	1348609.79	14.00	UNV	ug/kg	130	ug/kg	0	0.5	NO
Vinyl chloride	R/I/FS	112255	477265.40	1348609.79	14.00	UNV	ug/kg	130	ug/kg	0	0.5	NO
Vinyl chloride	R/I/FS	112157	477309.74	1348528.82	1500.00	UNV	ug/kg	130	ug/kg	24	26	YES
Vinyl chloride	R/I/FS	112157	477309.74	1348528.82	1500.00	UNV	ug/kg	130	ug/kg	24	26	YES
Vinyl chloride	UNKNOWN	067706	477250.80	1348484.51	1600.00	UNV	ug/kg	130	ug/kg	6	7.5	YES
Vinyl chloride	UNKNOWN	067711	477250.80	1348484.51	1600.00	UNV	ug/kg	130	ug/kg	13.5	15	YES
Xylenes, Total	R/I/FS	112123	477270.90	1348424.39	12.00	UNV	ug/kg	920000000	ug/kg	25.5	27.5	NO
Xylenes, Total	R/I/FS	112123	477270.90	1348424.39	12.00	UNV	ug/kg	920000000	ug/kg	25.5	27.5	NO
Xylenes, Total	R/I/FS	112129	477309.74	1348528.82	12.00	UNV	ug/kg	920000000	ug/kg	0	2	NO
Xylenes, Total	R/I/FS	112129	477309.74	1348528.82	12.00	UNV	ug/kg	920000000	ug/kg	0	2	NO
Xylenes, Total	R/I/FS	112255	477265.40	1348609.79	14.00	UNV	ug/kg	920000000	ug/kg	0	0.5	NO
Xylenes, Total	R/I/FS	112255	477265.40	1348609.79	14.00	UNV	ug/kg	920000000	ug/kg	0	0.5	NO
Xylenes, Total	UNKNOWN	067706	477250.80	1348484.51	790.00	UNV	ug/kg	920000000	ug/kg	6	7.5	NO
Xylenes, Total	UNKNOWN	067711	477250.80	1348484.51	810.00	UNV	ug/kg	920000000	ug/kg	13.5	15	NO

3310

000050

APPENDIX A
RI/FS HISTORICAL NONVALIDATED DATA

Parameter	Sampling Program	Sample ID	Northing	Easting	Result	Qualifier	Units	FRL	Units	Top Depth	Bottom Depth	Above FRL
Xylenes, Total	RI/FS	112157	477309.74	1348528.82	1500.00	UNV	ug/kg	920000000	ug/kg	24	26	NO
Xylenes, Total	RI/FS	112157	477309.74	1348528.82	1500.00	UNV	ug/kg	920000000	ug/kg	24	26	NO
Zinc	UNKNOWN	067149	477346.84	1348570.61	56.55	NV	mg/kg	120000	mg/kg	9	10.5	NO

000072

**APPENDIX A
VALIDATED BELOW-FRL DATA**

Parameter	Sampling Program	Sample ID	Northing	Easting	Result	Qualifier	Units	FRL	Units	Top Depth	Bottom Depth
1,1,2-Trichloroethane	UNKNOWN	067155	477346.84	1348570.61	6	U	ug/kg	4300	ug/kg	18	19.5
1,1,2-Trichloroethane	UNKNOWN	067184	477272.52	1348486.90	6	U	ug/kg	4300	ug/kg	29	30.5
1,1,2-Trichloroethane	UNKNOWN	067218	477269.05	1348361.98	6	U	ug/kg	4300	ug/kg	41.5	43
1,1,2-Trichloroethane	UNKNOWN	067506	477443.68	1348419.22	6	U	ug/kg	4300	ug/kg	9.5	12
1,1,2-Trichloroethane	RI/FS	112126	477270.90	1348424.39	11	UJ	ug/kg	4300	ug/kg	29.5	31.5
1,1,2-Trichloroethane	RI/FS	112153	477309.74	1348528.82	12	U	ug/kg	4300	ug/kg	20	22
1,1,2-Trichloroethane	RI/FS	112241	477170.36	1348501.23	12	UJ	ug/kg	4300	ug/kg	0	0.5
1,1,2-Trichloroethane	RI/FS	112091	477270.90	1348424.39	13	UJ	ug/kg	4300	ug/kg	0	1.5
1,1,2-Trichloroethane	RI/FS	112092	477270.90	1348424.39	13	UJ	ug/kg	4300	ug/kg	2	4
1,1,2-Trichloroethane	RI/FS	112123	477270.90	1348424.39	13	UJ	ug/kg	4300	ug/kg	25.5	27.5
1,1,2-Trichloroethane	RI/FS	112180	477395.53	1348495.36	13	U	ug/kg	4300	ug/kg	17	19
1,1,2-Trichloroethane	RI/FS	112181	477395.53	1348495.36	13	U	ug/kg	4300	ug/kg	19	21
1,1,2-Trichloroethane	RI/FS	112117	477270.90	1348424.39	14	UJ	ug/kg	4300	ug/kg	20	22
1,1,2-Trichloroethane	RI/FS	112248	477224.32	1348641.68	14	UJ	ug/kg	4300	ug/kg	0	0.5
1,1,2-Trichloroethane	RI/FS	112249	477353.66	1348669.64	14	U	ug/kg	4300	ug/kg	0	0.5
1,1,2-Trichloroethane	RI/FS	112264	477204.08	1348281.83	14	UJ	ug/kg	4300	ug/kg	0	0.5
1,1,2-Trichloroethane	RI/FS	112251	477414.67	1348588.29	15	UJ	ug/kg	4300	ug/kg	0	0.5
1,1,2-Trichloroethane	RI/FS	112130	477309.74	1348528.82	62	UJ	ug/kg	4300	ug/kg	2	4
1,1,2-Trichloroethane	RI/FS	112157	477309.74	1348528.82	1500	U	ug/kg	4300	ug/kg	24	26
1,1-Dichloroethene	UNKNOWN	067184	477272.52	1348486.90	2	J	ug/kg	410	ug/kg	29	30.5
1,1-Dichloroethene	UNKNOWN	067155	477346.84	1348570.61	6	U	ug/kg	410	ug/kg	18	19.5
1,1-Dichloroethene	UNKNOWN	067193	477269.05	1348361.98	6	UJ	ug/kg	410	ug/kg	4.5	6
1,1-Dichloroethene	UNKNOWN	067218	477269.05	1348361.98	6	U	ug/kg	410	ug/kg	41.5	43
1,1-Dichloroethene	UNKNOWN	067506	477443.68	1348419.22	6	U	ug/kg	410	ug/kg	9.5	12
1,1-Dichloroethene	UNKNOWN	067149	477346.84	1348570.61	7	UJ	ug/kg	410	ug/kg	9	10.5
1,1-Dichloroethene	UNKNOWN	067201	477269.05	1348361.98	7	UJ	ug/kg	410	ug/kg	16	17.5
1,1-Dichloroethene	RI/FS	112126	477270.90	1348424.39	11	UJ	ug/kg	410	ug/kg	29.5	31.5
1,1-Dichloroethene	RI/FS	112153	477309.74	1348528.82	12	U	ug/kg	410	ug/kg	20	22
1,1-Dichloroethene	RI/FS	112241	477170.36	1348501.23	12	U	ug/kg	410	ug/kg	0	0.5
1,1-Dichloroethene	RI/FS	112091	477270.90	1348424.39	13	UJ	ug/kg	410	ug/kg	0	1.5
1,1-Dichloroethene	RI/FS	112092	477270.90	1348424.39	13	UJ	ug/kg	410	ug/kg	2	4
1,1-Dichloroethene	RI/FS	112123	477270.90	1348424.39	13	UJ	ug/kg	410	ug/kg	25.5	27.5
1,1-Dichloroethene	RI/FS	112160	477395.53	1348495.36	13	UJ	ug/kg	410	ug/kg	0	2
1,1-Dichloroethene	RI/FS	112161	477395.53	1348495.36	13	UJ	ug/kg	410	ug/kg	2	4
1,1-Dichloroethene	RI/FS	112180	477395.53	1348495.36	13	U	ug/kg	410	ug/kg	17	19

000052

**APPENDIX A
VALIDATED BELOW-FRL DATA**

Parameter	Sampling Program	Sample ID	Northing	Easting	Result	Qualifier	Units	FRL	Units	Top Depth	Bottom Depth
1,1-Dichloroethene	RI/FS	112181	477395.53	1348495.36	13	U	ug/kg	410	ug/kg	19	21
1,1-Dichloroethene	RI/FS	112252	477251.96	1348341.16	13	U	ug/kg	410	ug/kg	0	0.5
1,1-Dichloroethene	RI/FS	112257	477312.86	1348636.13	13	UJ	ug/kg	410	ug/kg	0	0.5
1,1-Dichloroethene	RI/FS	112258	477384.73	1348571.91	13	U	ug/kg	410	ug/kg	0	0.5
1,1-Dichloroethene	RI/FS	112117	477270.90	1348424.39	14	UJ	ug/kg	410	ug/kg	20	22
1,1-Dichloroethene	RI/FS	112248	477224.32	1348641.68	14	UJ	ug/kg	410	ug/kg	0	0.5
1,1-Dichloroethene	RI/FS	112249	477353.66	1348669.64	14	UJ	ug/kg	410	ug/kg	0	0.5
1,1-Dichloroethene	RI/FS	112254	477229.95	1348473.97	14	U	ug/kg	410	ug/kg	0	0.5
1,1-Dichloroethene	RI/FS	112255	477265.40	1348609.79	14	U	ug/kg	410	ug/kg	0	0.5
1,1-Dichloroethene	RI/FS	112264	477204.08	1348281.83	14	U	ug/kg	410	ug/kg	0	0.5
1,1-Dichloroethene	RI/FS	112251	477414.67	1348588.29	15	UJ	ug/kg	410	ug/kg	0	0.5
1,1-Dichloroethene	RI/FS	112259	477350.83	1348368.24	15	UJ	ug/kg	410	ug/kg	0	0.5
1,1-Dichloroethene	RI/FS	112130	477309.74	1348528.82	62	UJ	ug/kg	410	ug/kg	2	4
1,1-Dichloroethene	RI/FS	112145	477309.74	1348528.82	68	UJ	ug/kg	410	ug/kg	13	15
1,1-Dichloroethene	RI/FS	112167	477395.53	1348495.36	68	U	ug/kg	410	ug/kg	8	10
1,2-Dichloroethane	UNKNOWN	067155	477346.84	1348570.61	6	U	ug/kg	160	ug/kg	18	19.5
1,2-Dichloroethane	UNKNOWN	067184	477272.52	1348486.90	6	U	ug/kg	160	ug/kg	29	30.5
1,2-Dichloroethane	UNKNOWN	067193	477269.05	1348361.98	6	UJ	ug/kg	160	ug/kg	4.5	6
1,2-Dichloroethane	UNKNOWN	067218	477269.05	1348361.98	6	U	ug/kg	160	ug/kg	41.5	43
1,2-Dichloroethane	UNKNOWN	067506	477443.68	1348419.22	6	U	ug/kg	160	ug/kg	9.5	12
1,2-Dichloroethane	UNKNOWN	067149	477346.84	1348570.61	7	UJ	ug/kg	160	ug/kg	9	10.5
1,2-Dichloroethane	UNKNOWN	067201	477269.05	1348361.98	7	UJ	ug/kg	160	ug/kg	16	17.5
1,2-Dichloroethane	RI/FS	112126	477270.90	1348424.39	11	UJ	ug/kg	160	ug/kg	29.5	31.5
1,2-Dichloroethane	RI/FS	112153	477309.74	1348528.82	12	U	ug/kg	160	ug/kg	20	22
1,2-Dichloroethane	RI/FS	112241	477170.36	1348501.23	12	U	ug/kg	160	ug/kg	0	0.5
1,2-Dichloroethane	RI/FS	112091	477270.90	1348424.39	13	UJ	ug/kg	160	ug/kg	0	1.5
1,2-Dichloroethane	RI/FS	112092	477270.90	1348424.39	13	UJ	ug/kg	160	ug/kg	2	4
1,2-Dichloroethane	RI/FS	112123	477270.90	1348424.39	13	UJ	ug/kg	160	ug/kg	25.5	27.5
1,2-Dichloroethane	RI/FS	112160	477395.53	1348495.36	13	UJ	ug/kg	160	ug/kg	0	2
1,2-Dichloroethane	RI/FS	112161	477395.53	1348495.36	13	UJ	ug/kg	160	ug/kg	2	4
1,2-Dichloroethane	RI/FS	112180	477395.53	1348495.36	13	U	ug/kg	160	ug/kg	17	19
1,2-Dichloroethane	RI/FS	112181	477395.53	1348495.36	13	U	ug/kg	160	ug/kg	19	21
1,2-Dichloroethane	RI/FS	112252	477251.96	1348341.16	13	U	ug/kg	160	ug/kg	0	0.5
1,2-Dichloroethane	RI/FS	112257	477312.86	1348636.13	13	UJ	ug/kg	160	ug/kg	0	0.5
1,2-Dichloroethane	RI/FS	112258	477384.73	1348571.91	13	U	ug/kg	160	ug/kg	0	0.5

000053

APPENDIX A
VALIDATED BELOW-FRL DATA

Parameter	Sampling Program	Sample ID	Northing	Easting	Result	Qualifier	Units	FRL	Units	Top Depth	Bottom Depth
1,2-Dichloroethane	RI/FS	112117	477270.90	1348424.39	14	UJ	ug/kg	160	ug/kg	20	22
1,2-Dichloroethane	RI/FS	112248	477224.32	1348641.68	14	UJ	ug/kg	160	ug/kg	0	0.5
1,2-Dichloroethane	RI/FS	112249	477353.66	1348669.64	14	U	ug/kg	160	ug/kg	0	0.5
1,2-Dichloroethane	RI/FS	112254	477229.95	1348473.97	14	U	ug/kg	160	ug/kg	0	0.5
1,2-Dichloroethane	RI/FS	112255	477265.40	1348609.79	14	U	ug/kg	160	ug/kg	0	0.5
1,2-Dichloroethane	RI/FS	112264	477204.08	1348281.83	14	U	ug/kg	160	ug/kg	0	0.5
1,2-Dichloroethane	RI/FS	112251	477414.67	1348588.29	15	U	ug/kg	160	ug/kg	0	0.5
1,2-Dichloroethane	RI/FS	112259	477350.83	1348368.24	15	UJ	ug/kg	160	ug/kg	0	0.5
1,2-Dichloroethane	RI/FS	112130	477309.74	1348528.82	62	UJ	ug/kg	160	ug/kg	2	4
1,2-Dichloroethane	RI/FS	112167	477395.53	1348495.36	68	U	ug/kg	160	ug/kg	8	10
3,3'-Dichlorobenzidine	RI/FS	112126	477270.90	1348424.39	370	U	ug/kg	550	ug/kg	29.5	31.5
3,3'-Dichlorobenzidine	RI/FS	112123	477270.90	1348424.39	380	U	ug/kg	550	ug/kg	25.5	27.5
3,3'-Dichlorobenzidine	RI/FS	112153	477309.74	1348528.82	390	UJ	ug/kg	550	ug/kg	20	22
3,3'-Dichlorobenzidine	RI/FS	112092	477270.90	1348424.39	400	U	ug/kg	550	ug/kg	2	4
3,3'-Dichlorobenzidine	RI/FS	112241	477170.36	1348501.23	400	UJ	ug/kg	550	ug/kg	0	0.5
3,3'-Dichlorobenzidine	RI/FS	112091	477270.90	1348424.39	410	U	ug/kg	550	ug/kg	0	1.5
3,3'-Dichlorobenzidine	RI/FS	112129	477309.74	1348528.82	410	UJ	ug/kg	550	ug/kg	0	2
3,3'-Dichlorobenzidine	RI/FS	112130	477309.74	1348528.82	410	UJ	ug/kg	550	ug/kg	2	4
3,3'-Dichlorobenzidine	RI/FS	112157	477309.74	1348528.82	410	UJ	ug/kg	550	ug/kg	24	26
3,3'-Dichlorobenzidine	RI/FS	112161	477395.53	1348495.36	420	U	ug/kg	550	ug/kg	2	4
3,3'-Dichlorobenzidine	RI/FS	112181	477395.53	1348495.36	420	U	ug/kg	550	ug/kg	19	21
3,3'-Dichlorobenzidine	RI/FS	112180	477395.53	1348495.36	430	U	ug/kg	550	ug/kg	17	19
3,3'-Dichlorobenzidine	RI/FS	112160	477395.53	1348495.36	440	U	ug/kg	550	ug/kg	0	2
3,3'-Dichlorobenzidine	RI/FS	112167	477395.53	1348495.36	440	U	ug/kg	550	ug/kg	8	10
3,3'-Dichlorobenzidine	RI/FS	112248	477224.32	1348641.68	440	UJ	ug/kg	550	ug/kg	0	0.5
3,3'-Dichlorobenzidine	RI/FS	112252	477251.96	1348341.16	440	UJ	ug/kg	550	ug/kg	0	0.5
3,3'-Dichlorobenzidine	RI/FS	112258	477384.73	1348571.91	440	UJ	ug/kg	550	ug/kg	0	0.5
3,3'-Dichlorobenzidine	RI/FS	112117	477270.90	1348424.39	450	U	ug/kg	550	ug/kg	20	22
3,3'-Dichlorobenzidine	RI/FS	112145	477309.74	1348528.82	450	UJ	ug/kg	550	ug/kg	13	15
3,3'-Dichlorobenzidine	RI/FS	112249	477353.66	1348669.64	450	UJ	ug/kg	550	ug/kg	0	0.5
3,3'-Dichlorobenzidine	RI/FS	112257	477312.86	1348636.13	450	UJ	ug/kg	550	ug/kg	0	0.5
3,3'-Dichlorobenzidine	RI/FS	112255	477265.40	1348609.79	460	UJ	ug/kg	550	ug/kg	0	0.5
3,3'-Dichlorobenzidine	RI/FS	112251	477414.67	1348588.29	480	UJ	ug/kg	550	ug/kg	0	0.5
3,3'-Dichlorobenzidine	RI/FS	112254	477229.95	1348473.97	490	UJ	ug/kg	550	ug/kg	0	0.5
3,3'-Dichlorobenzidine	RI/FS	112264	477204.08	1348281.83	490	UJ	ug/kg	550	ug/kg	0	0.5

**APPENDIX A
VALIDATED BELOW-FRL DATA**

Parameter	Sampling Program	Sample ID	Northing	Easting	Result	Qualifier	Units	FRL	Units	Top Depth	Bottom Depth
4-Methyl-2-pentanone	UNKNOWN	067201	477269.05	1348361.98	11	J	ug/kg	2500000	ug/kg	16	17.5
4-Methyl-2-pentanone	RI/FS	112126	477270.90	1348424.39	11	UJ	ug/kg	2500000	ug/kg	29.5	31.5
4-Methyl-2-pentanone	UNKNOWN	067155	477346.84	1348570.61	12	U	ug/kg	2500000	ug/kg	18	19.5
4-Methyl-2-pentanone	UNKNOWN	067184	477272.52	1348486.90	12	U	ug/kg	2500000	ug/kg	29	30.5
4-Methyl-2-pentanone	UNKNOWN	067218	477269.05	1348361.98	12	U	ug/kg	2500000	ug/kg	41.5	43
4-Methyl-2-pentanone	UNKNOWN	067506	477443.68	1348419.22	12	UJ	ug/kg	2500000	ug/kg	9.5	12
4-Methyl-2-pentanone	RI/FS	112153	477309.74	1348528.82	12	U	ug/kg	2500000	ug/kg	20	22
4-Methyl-2-pentanone	RI/FS	112241	477170.36	1348501.23	12	UJ	ug/kg	2500000	ug/kg	0	0.5
4-Methyl-2-pentanone	RI/FS	112092	477270.90	1348424.39	13	UJ	ug/kg	2500000	ug/kg	2	4
4-Methyl-2-pentanone	RI/FS	112123	477270.90	1348424.39	13	UJ	ug/kg	2500000	ug/kg	25.5	27.5
4-Methyl-2-pentanone	RI/FS	112180	477395.53	1348495.36	13	U	ug/kg	2500000	ug/kg	17	19
4-Methyl-2-pentanone	RI/FS	112181	477395.53	1348495.36	13	U	ug/kg	2500000	ug/kg	19	21
4-Methyl-2-pentanone	RI/FS	112117	477270.90	1348424.39	14	UJ	ug/kg	2500000	ug/kg	20	22
4-Methyl-2-pentanone	RI/FS	112248	477224.32	1348641.68	14	UJ	ug/kg	2500000	ug/kg	0	0.5
4-Methyl-2-pentanone	RI/FS	112249	477353.66	1348669.64	14	UJ	ug/kg	2500000	ug/kg	0	0.5
4-Methyl-2-pentanone	RI/FS	112264	477204.08	1348281.83	14	UJ	ug/kg	2500000	ug/kg	0	0.5
4-Methyl-2-pentanone	RI/FS	112251	477414.67	1348588.29	15	UJ	ug/kg	2500000	ug/kg	0	0.5
4-Methyl-2-pentanone	UNKNOWN	067711	477250.80	1348484.51	25	J	ug/kg	2500000	ug/kg	13.5	15
4-Methyl-2-pentanone	RI/FS	112130	477309.74	1348528.82	62	UJ	ug/kg	2500000	ug/kg	2	4
4-Methyl-2-pentanone	RI/FS	112157	477309.74	1348528.82	1500	U	ug/kg	2500000	ug/kg	24	26
4-Nitroaniline	RI/FS	112126	477270.90	1348424.39	890	U	ug/kg	150000	ug/kg	29.5	31.5
4-Nitroaniline	RI/FS	112123	477270.90	1348424.39	910	U	ug/kg	150000	ug/kg	25.5	27.5
4-Nitroaniline	RI/FS	112153	477309.74	1348528.82	960	U	ug/kg	150000	ug/kg	20	22
4-Nitroaniline	RI/FS	112092	477270.90	1348424.39	970	U	ug/kg	150000	ug/kg	2	4
4-Nitroaniline	RI/FS	112157	477309.74	1348528.82	980	U	ug/kg	150000	ug/kg	24	26
4-Nitroaniline	RI/FS	112241	477170.36	1348501.23	980	UJ	ug/kg	150000	ug/kg	0	0.5
4-Nitroaniline	RI/FS	112091	477270.90	1348424.39	1000	U	ug/kg	150000	ug/kg	0	1.5
4-Nitroaniline	RI/FS	112129	477309.74	1348528.82	1000	U	ug/kg	150000	ug/kg	0	2
4-Nitroaniline	RI/FS	112130	477309.74	1348528.82	1000	U	ug/kg	150000	ug/kg	2	4
4-Nitroaniline	RI/FS	112161	477395.53	1348495.36	1000	U	ug/kg	150000	ug/kg	2	4
4-Nitroaniline	RI/FS	112181	477395.53	1348495.36	1000	U	ug/kg	150000	ug/kg	19	21
4-Nitroaniline	RI/FS	112180	477395.53	1348495.36	1040	U	ug/kg	150000	ug/kg	17	19
4-Nitroaniline	RI/FS	112160	477395.53	1348495.36	1070	U	ug/kg	150000	ug/kg	0	2
4-Nitroaniline	RI/FS	112167	477395.53	1348495.36	1080	U	ug/kg	150000	ug/kg	8	10
4-Nitroaniline	RI/FS	112117	477270.90	1348424.39	1100	U	ug/kg	150000	ug/kg	20	22

000022

**APPENDIX A
VALIDATED BELOW-FRL DATA**

Parameter	Sampling Program	Sample ID	Northing	Easting	Result	Qualifier	Units	FRL	Units	Top Depth	Bottom Depth
4-Nitroaniline	RI/FS	112145	477309.74	1348528.82	1100	U	ug/kg	150000	ug/kg	13	15
4-Nitroaniline	RI/FS	112248	477224.32	1348641.68	1100	U	ug/kg	150000	ug/kg	0	0.5
4-Nitroaniline	RI/FS	112249	477353.66	1348669.64	1100	U	ug/kg	150000	ug/kg	0	0.5
4-Nitroaniline	RI/FS	112252	477251.96	1348341.16	1100	U	ug/kg	150000	ug/kg	0	0.5
4-Nitroaniline	RI/FS	112255	477265.40	1348609.79	1100	U	ug/kg	150000	ug/kg	0	0.5
4-Nitroaniline	RI/FS	112257	477312.86	1348636.13	1100	U	ug/kg	150000	ug/kg	0	0.5
4-Nitroaniline	RI/FS	112258	477384.73	1348571.91	1100	U	ug/kg	150000	ug/kg	0	0.5
4-Nitroaniline	RI/FS	112251	477414.67	1348588.29	1200	U	ug/kg	150000	ug/kg	0	0.5
4-Nitroaniline	RI/FS	112254	477229.95	1348473.97	1200	U	ug/kg	150000	ug/kg	0	0.5
4-Nitroaniline	RI/FS	112264	477204.08	1348281.83	1200	U	ug/kg	150000	ug/kg	0	0.5
4-Nitroaniline	UNKNOWN	067184	477272.52	1348486.90	1900	U	ug/kg	150000	ug/kg	29	30.5
4-Nitroaniline	UNKNOWN	067155	477346.84	1348570.61	2000	UJ	ug/kg	150000	ug/kg	18	19.5
4-Nitroaniline	UNKNOWN	067193	477269.05	1348361.98	2000	U	ug/kg	150000	ug/kg	4.5	6
4-Nitroaniline	UNKNOWN	067505	477443.68	1348419.22	2000	U	ug/kg	150000	ug/kg	6	7.5
4-Nitroaniline	UNKNOWN	067506	477443.68	1348419.22	2000	U	ug/kg	150000	ug/kg	9.5	12
4-Nitroaniline	UNKNOWN	067711	477250.80	1348484.51	2000	U	ug/kg	150000	ug/kg	13.5	15
4-Nitroaniline	UNKNOWN	067173	477272.52	1348486.90	2100	U	ug/kg	150000	ug/kg	13.5	15
4-Nitroaniline	UNKNOWN	067503	477443.68	1348419.22	2100	U	ug/kg	150000	ug/kg	1.5	3
4-Nitroaniline	UNKNOWN	067706	477250.80	1348484.51	2100	U	ug/kg	150000	ug/kg	6	7.5
4-Nitroaniline	UNKNOWN	067167	477272.52	1348486.90	2200	U	ug/kg	150000	ug/kg	4.5	6
4-Nitroaniline	UNKNOWN	067201	477269.05	1348361.98	2200	U	ug/kg	150000	ug/kg	16	17.5
4-Nitroaniline	UNKNOWN	067149	477346.84	1348570.61	2400	UJ	ug/kg	150000	ug/kg	9	10.5
Acetone	RI/FS	112126	477270.90	1348424.39	11	UJ	ug/kg	43000000	ug/kg	29.5	31.5
Acetone	UNKNOWN	067184	477272.52	1348486.90	12	U	ug/kg	43000000	ug/kg	29	30.5
Acetone	RI/FS	112091	477270.90	1348424.39	13	UJ	ug/kg	43000000	ug/kg	0	1.5
Acetone	RI/FS	112092	477270.90	1348424.39	13	UJ	ug/kg	43000000	ug/kg	2	4
Acetone	RI/FS	112123	477270.90	1348424.39	13	UJ	ug/kg	43000000	ug/kg	25.5	27.5
Acetone	RI/FS	112160	477395.53	1348495.36	13	UJ	ug/kg	43000000	ug/kg	0	2
Acetone	RI/FS	112161	477395.53	1348495.36	13	UJ	ug/kg	43000000	ug/kg	2	4
Acetone	RI/FS	112180	477395.53	1348495.36	13	U	ug/kg	43000000	ug/kg	17	19
Acetone	RI/FS	112181	477395.53	1348495.36	13	U	ug/kg	43000000	ug/kg	19	21
Acetone	RI/FS	112252	477251.96	1348341.16	13	U	ug/kg	43000000	ug/kg	0	0.5
Acetone	RI/FS	112257	477312.86	1348636.13	13	UJ	ug/kg	43000000	ug/kg	0	0.5
Acetone	RI/FS	112258	477384.73	1348571.91	13	U	ug/kg	43000000	ug/kg	0	0.5
Acetone	UNKNOWN	067201	477269.05	1348361.98	14	U	ug/kg	43000000	ug/kg	16	17.5

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**APPENDIX A
VALIDATED BELOW-FRL DATA**

Parameter	Sampling Program	Sample ID	Northing	Easting	Result	Qualifier	Units	FRL	Units	Top Depth	Bottom Depth
Acetone	RI/FS	112117	477270.90	1348424.39	14	UJ	ug/kg	43000000	ug/kg	20	22
Acetone	RI/FS	112254	477229.95	1348473.97	14	U	ug/kg	43000000	ug/kg	0	0.5
Acetone	RI/FS	112255	477265.40	1348609.79	14	U	ug/kg	43000000	ug/kg	0	0.5
Acetone	RI/FS	112264	477204.08	1348281.83	14	U	ug/kg	43000000	ug/kg	0	0.5
Acetone	UNKNOWN	067149	477346.84	1348570.61	15	UJ	ug/kg	43000000	ug/kg	9	10.5
Acetone	UNKNOWN	067506	477443.68	1348419.22	15	U	ug/kg	43000000	ug/kg	9.5	12
Acetone	RI/FS	112259	477350.83	1348368.24	15	UJ	ug/kg	43000000	ug/kg	0	0.5
Acetone	UNKNOWN	067155	477346.84	1348570.61	17	UJ	ug/kg	43000000	ug/kg	18	19.5
Acetone	UNKNOWN	067218	477269.05	1348361.98	18	U	ug/kg	43000000	ug/kg	41.5	43
Acetone	UNKNOWN	067193	477269.05	1348361.98	19	UJ	ug/kg	43000000	ug/kg	4.5	6
Acetone	RI/FS	112167	477395.53	1348495.36	37	J	ug/kg	43000000	ug/kg	8	10
Acetone	RI/FS	112145	477309.74	1348528.82	290	UJ	ug/kg	43000000	ug/kg	13	15
Antimony	CIS	PS-25-009	477032.62	1348465.24	0.3	UJ	mg/kg	96	mg/kg		
Antimony	RI/FS	112123	477270.90	1348424.39	0.35	UJ	mg/kg	96	mg/kg	25.5	27.5
Antimony	RI/FS	112126	477270.90	1348424.39	0.41	UJ	mg/kg	96	mg/kg	29.5	31.5
Antimony	RI/FS	112181	477395.53	1348495.36	0.96	UJ	mg/kg	96	mg/kg	19	21
Antimony	RI/FS	112157	477309.74	1348528.82	1	UJ	mg/kg	96	mg/kg	24	26
Antimony	RI/FS	112180	477395.53	1348495.36	1.2	UJ	mg/kg	96	mg/kg	17	19
Antimony	RI/FS	112153	477309.74	1348528.82	1.3	UJ	mg/kg	96	mg/kg	20	22
Antimony	RI/FS	112161	477395.53	1348495.36	1.3	UJ	mg/kg	96	mg/kg	2	4
Antimony	RI/FS	112264	477204.08	1348281.83	1.4	UJ	mg/kg	96	mg/kg	0	0.5
Antimony	RI/FS	112092	477270.90	1348424.39	1.5	UJ	mg/kg	96	mg/kg	2	4
Antimony	RI/FS	112241	477170.36	1348501.23	1.5	UJ	mg/kg	96	mg/kg	0	0.5
Antimony	RI/FS	112248	477224.32	1348641.68	1.5	UJ	mg/kg	96	mg/kg	0	0.5
Antimony	RI/FS	112249	477353.66	1348669.64	1.5	UJ	mg/kg	96	mg/kg	0	0.5
Antimony	RI/FS	112252	477251.96	1348341.16	1.5	J	mg/kg	96	mg/kg	0	0.5
Antimony	RI/FS	112258	477384.73	1348571.91	1.5	J	mg/kg	96	mg/kg	0	0.5
Antimony	RI/FS	112257	477312.86	1348636.13	1.8	J	mg/kg	96	mg/kg	0	0.5
Antimony	RI/FS	112167	477395.53	1348495.36	2	J	mg/kg	96	mg/kg	8	10
Antimony	RI/FS	112255	477265.40	1348609.79	2	J	mg/kg	96	mg/kg	0	0.5
Antimony	RI/FS	112251	477414.67	1348588.29	2.2	UJ	mg/kg	96	mg/kg	0	0.5
Antimony	RI/FS	112259	477350.83	1348368.24	2.2	J	mg/kg	96	mg/kg	0	0.5
Antimony	RI/FS	112254	477229.95	1348473.97	2.4	J	mg/kg	96	mg/kg	0	0.5
Antimony	RI/FS	112117	477270.90	1348424.39	2.9	UJ	mg/kg	96	mg/kg	20	22
Antimony	RI/FS	112130	477309.74	1348528.82	3	UJ	mg/kg	96	mg/kg	2	4

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**APPENDIX A
VALIDATED BELOW-FRL DATA**

Parameter	Sampling Program	Sample ID	Northing	Easting	Result	Qualifier	Units	FRL	Units	Top Depth	Bottom Depth
Antimony	RI/FS	112145	477309.74	1348528.82	3.1	UJ	mg/kg	96	mg/kg	13	15
Antimony	RI/FS	112160	477395.53	1348495.36	3.2	J	mg/kg	96	mg/kg	0	2
Antimony	RI/FS	112129	477309.74	1348528.82	4.9	UJ	mg/kg	96	mg/kg	0	2
Antimony	RI/FS	112091	477270.90	1348424.39	6.3	UJ	mg/kg	96	mg/kg	0	1.5
Antimony	UNKNOWN	067218	477269.05	1348361.98	9	J	mg/kg	96	mg/kg	41.5	43
Antimony	UNKNOWN	067506	477443.68	1348419.22	21.7	J	mg/kg	96	mg/kg	9.5	12
Antimony	UNKNOWN	067184	477272.52	1348486.90	31.1	J	mg/kg	96	mg/kg	29	30.5
Aroclor-1254	RI/FS	112126	477270.90	1348424.39	37	U	ug/kg	130	ug/kg	29.5	31.5
Aroclor-1254	RI/FS	112123	477270.90	1348424.39	38	U	ug/kg	130	ug/kg	25.5	27.5
Aroclor-1254	RI/FS	112153	477309.74	1348528.82	39	U	ug/kg	130	ug/kg	20	22
Aroclor-1254	RI/FS	112092	477270.90	1348424.39	40	UJ	ug/kg	130	ug/kg	2	4
Aroclor-1254	RI/FS	112241	477170.36	1348501.23	40	U	ug/kg	130	ug/kg	0	0.5
Aroclor-1254	RI/FS	112129	477309.74	1348528.82	41	U	ug/kg	130	ug/kg	0	2
Aroclor-1254	RI/FS	112130	477309.74	1348528.82	41	U	ug/kg	130	ug/kg	2	4
Aroclor-1254	RI/FS	112157	477309.74	1348528.82	41	U	ug/kg	130	ug/kg	24	26
Aroclor-1254	RI/FS	112091	477270.90	1348424.39	42	U	ug/kg	130	ug/kg	0	1.5
Aroclor-1254	RI/FS	112161	477395.53	1348495.36	42	U	ug/kg	130	ug/kg	2	4
Aroclor-1254	RI/FS	112181	477395.53	1348495.36	42	U	ug/kg	130	ug/kg	19	21
Aroclor-1254	RI/FS	112180	477395.53	1348495.36	43	U	ug/kg	130	ug/kg	17	19
Aroclor-1254	RI/FS	112117	477270.90	1348424.39	44	U	ug/kg	130	ug/kg	20	22
Aroclor-1254	RI/FS	112160	477395.53	1348495.36	44	U	ug/kg	130	ug/kg	0	2
Aroclor-1254	RI/FS	112248	477224.32	1348641.68	44	U	ug/kg	130	ug/kg	0	0.5
Aroclor-1254	RI/FS	112252	477251.96	1348341.16	44	U	ug/kg	130	ug/kg	0	0.5
Aroclor-1254	RI/FS	112254	477229.95	1348473.97	44	U	ug/kg	130	ug/kg	0	0.5
Aroclor-1254	RI/FS	112257	477312.86	1348636.13	44	U	ug/kg	130	ug/kg	0	0.5
Aroclor-1254	RI/FS	112145	477309.74	1348528.82	45	U	ug/kg	130	ug/kg	13	15
Aroclor-1254	RI/FS	112249	477353.66	1348669.64	45	U	ug/kg	130	ug/kg	0	0.5
Aroclor-1254	RI/FS	112255	477265.40	1348609.79	45	U	ug/kg	130	ug/kg	0	0.5
Aroclor-1254	RI/FS	112258	477384.73	1348571.91	45	U	ug/kg	130	ug/kg	0	0.5
Aroclor-1254	RI/FS	112167	477395.53	1348495.36	46	U	ug/kg	130	ug/kg	8	10
Aroclor-1254	RI/FS	112251	477414.67	1348588.29	48	U	ug/kg	130	ug/kg	0	0.5
Aroclor-1254	RI/FS	112264	477204.08	1348281.83	48	U	ug/kg	130	ug/kg	0	0.5
Aroclor-1254	RI/FS	112259	477350.83	1348368.24	50	U	ug/kg	130	ug/kg	0	0.5
Aroclor-1260	REMEDIAL ACTION	AFP-B-C-11-SP-D	477106.99	1348444.00	35	U	ug/kg	130	ug/kg	1	1.5
Aroclor-1260	REMEDIAL ACTION	AFP-B-C-7-SP	477039.99	1348574.00	35	U	ug/kg	130	ug/kg	1	1.5

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**APPENDIX A
VALIDATED BELOW-FRL DATA**

Parameter	Sampling Program	Sample ID	Northing	Easting	Result	Qualifier	Units	FRL	Units	Top Depth	Bottom Depth
Aroclor-1260	REMEDIAL ACTION	AFP-B-C-11-SP	477106.99	1348444.00	36	U	ug/kg	130	ug/kg	1	1.5
Aroclor-1260	REMEDIAL ACTION	AFP-B-C-1-SP	477090.99	1348394.00	36	U	ug/kg	130	ug/kg	1	1.5
Aroclor-1260	REMEDIAL ACTION	AFP-B-C-2-SP	477051.76	1348425.25	36	U	ug/kg	130	ug/kg	1	1.5
Aroclor-1260	REMEDIAL ACTION	AFP-B-C-3-SP	477085.99	1348436.00	36	U	ug/kg	130	ug/kg	1	1.5
Aroclor-1260	REMEDIAL ACTION	AFP-B-C-4-SP	477044.99	1348490.00	36	U	ug/kg	130	ug/kg	1	1.5
Aroclor-1260	REMEDIAL ACTION	AFP-B-C-5-SP	477021.52	1348521.61	36	U	ug/kg	130	ug/kg	1	1.5
Aroclor-1260	RI/FS	112126	477270.90	1348424.39	37	U	ug/kg	130	ug/kg	29.5	31.5
Aroclor-1260	REMEDIAL ACTION	AFP-B-C-10-SP	477141.99	1348424.00	37	U	ug/kg	130	ug/kg	1	1.5
Aroclor-1260	REMEDIAL ACTION	AFP-B-C-13-SP	477107.99	1348511.00	37	U	ug/kg	130	ug/kg	1	1.5
Aroclor-1260	REMEDIAL ACTION	AFP-B-C-14-SP	477120.99	1348529.00	37	UJ	ug/kg	130	ug/kg	1	1.5
Aroclor-1260	REMEDIAL ACTION	AFP-B-C-15-SP	477111.99	1348569.00	37	U	ug/kg	130	ug/kg	1	1.5
Aroclor-1260	REMEDIAL ACTION	AFP-B-C-16-SP	477086.99	1348590.00	37	U	ug/kg	130	ug/kg	1	1.5
Aroclor-1260	REMEDIAL ACTION	AFP-B-C-6-SP	477067.99	1348537.00	37	U	ug/kg	130	ug/kg	1	1.5
Aroclor-1260	REMEDIAL ACTION	AFP-B-C-9-SP	477136.99	1348393.00	37	U	ug/kg	130	ug/kg	1	1.5
Aroclor-1260	RI/FS	112123	477270.90	1348424.39	38	U	ug/kg	130	ug/kg	25.5	27.5
Aroclor-1260	REMEDIAL ACTION	AFP-B-C-12-SP	477102.99	1348488.00	38	U	ug/kg	130	ug/kg	1	1.5
Aroclor-1260	RI/FS	112153	477309.74	1348528.82	39	U	ug/kg	130	ug/kg	20	22
Aroclor-1260	RI/FS	112092	477270.90	1348424.39	40	UJ	ug/kg	130	ug/kg	2	4
Aroclor-1260	RI/FS	112241	477170.36	1348501.23	40	U	ug/kg	130	ug/kg	0	0.5
Aroclor-1260	RI/FS	112129	477309.74	1348528.82	41	U	ug/kg	130	ug/kg	0	2
Aroclor-1260	RI/FS	112130	477309.74	1348528.82	41	U	ug/kg	130	ug/kg	2	4
Aroclor-1260	RI/FS	112157	477309.74	1348528.82	41	U	ug/kg	130	ug/kg	24	26
Aroclor-1260	RI/FS	112091	477270.90	1348424.39	42	U	ug/kg	130	ug/kg	0	1.5
Aroclor-1260	RI/FS	112161	477395.53	1348495.36	42	U	ug/kg	130	ug/kg	2	4
Aroclor-1260	RI/FS	112181	477395.53	1348495.36	42	U	ug/kg	130	ug/kg	19	21
Aroclor-1260	RI/FS	112180	477395.53	1348495.36	43	U	ug/kg	130	ug/kg	17	19
Aroclor-1260	RI/FS	112117	477270.90	1348424.39	44	U	ug/kg	130	ug/kg	20	22
Aroclor-1260	RI/FS	112160	477395.53	1348495.36	44	U	ug/kg	130	ug/kg	0	2
Aroclor-1260	RI/FS	112248	477224.32	1348641.68	44	U	ug/kg	130	ug/kg	0	0.5
Aroclor-1260	RI/FS	112252	477251.96	1348341.16	44	U	ug/kg	130	ug/kg	0	0.5
Aroclor-1260	RI/FS	112254	477229.95	1348473.97	44	U	ug/kg	130	ug/kg	0	0.5
Aroclor-1260	RI/FS	112257	477312.86	1348636.13	44	U	ug/kg	130	ug/kg	0	0.5
Aroclor-1260	RI/FS	112145	477309.74	1348528.82	45	U	ug/kg	130	ug/kg	13	15
Aroclor-1260	RI/FS	112249	477353.66	1348669.64	45	U	ug/kg	130	ug/kg	0	0.5
Aroclor-1260	RI/FS	112255	477265.40	1348609.79	45	U	ug/kg	130	ug/kg	0	0.5

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**APPENDIX A
VALIDATED BELOW-FRL DATA**

Parameter	Sampling Program	Sample ID	Northing	Easting	Result	Qualifier	Units	FRL	Units	Top Depth	Bottom Depth
Aroclor-1260	RI/FS	112258	477384.73	1348571.91	45	U	ug/kg	130	ug/kg	0	0.5
Aroclor-1260	RI/FS	112167	477395.53	1348495.36	46	U	ug/kg	130	ug/kg	8	10
Aroclor-1260	RI/FS	112251	477414.67	1348588.29	48	U	ug/kg	130	ug/kg	0	0.5
Aroclor-1260	RI/FS	112264	477204.08	1348281.83	48	U	ug/kg	130	ug/kg	0	0.5
Aroclor-1260	RI/FS	112259	477350.83	1348368.24	50	U	ug/kg	130	ug/kg	0	0.5
Aroclor-1260	REMEDIAL ACTION	AFP-B-C-8-SP	477130.99	1348344.00	64	-	ug/kg	130	ug/kg	1	1.5
Aroclor-1260	CIS	PS-25-009	477032.62	1348465.24	85	J	ug/kg	130	ug/kg		
Arsenic	REMEDIAL ACTION	AFP-B-C-14-M	477120.99	1348529.00	2.7	-	mg/kg	12	mg/kg	1	1.5
Arsenic	REMEDIAL ACTION	AFP-B-C-15-M	477111.99	1348569.00	2.8	-	mg/kg	12	mg/kg	1	1.5
Arsenic	REMEDIAL ACTION	AFP-B-C-3-M	477085.99	1348436.00	3.2	-	mg/kg	12	mg/kg	1	1.5
Arsenic	REMEDIAL ACTION	AFP-B-C-7-M	477039.99	1348574.00	3.2	-	mg/kg	12	mg/kg	1	1.5
Arsenic	REMEDIAL ACTION	AFP-B-C-12-M	477102.99	1348488.00	3.4	-	mg/kg	12	mg/kg	1	1.5
Arsenic	REMEDIAL ACTION	AFP-B-C-11-M	477106.99	1348444.00	3.5	-	mg/kg	12	mg/kg	1	1.5
Arsenic	REMEDIAL ACTION	AFP-B-C-11-M-D	477106.99	1348444.00	3.5	-	mg/kg	12	mg/kg	1	1.5
Arsenic	REMEDIAL ACTION	AFP-B-C-9-M	477136.99	1348393.00	3.5	-	mg/kg	12	mg/kg	1	1.5
Arsenic	REMEDIAL ACTION	AFP-B-C-13-M	477107.99	1348511.00	3.7	-	mg/kg	12	mg/kg	1	1.5
Arsenic	REMEDIAL ACTION	AFP-B-C-16-M	477086.99	1348590.00	3.7	-	mg/kg	12	mg/kg	1	1.5
Arsenic	REMEDIAL ACTION	AFP-B-C-5-M	477021.52	1348521.61	4	-	mg/kg	12	mg/kg	1	1.5
Arsenic	RI/FS	112126	477270.90	1348424.39	4.1	-	mg/kg	12	mg/kg	29.5	31.5
Arsenic	REMEDIAL ACTION	AFP-B-C-2-M	477051.76	1348425.25	4.1	-	mg/kg	12	mg/kg	1	1.5
Arsenic	REMEDIAL ACTION	AFP-B-C-10-M	477141.99	1348424.00	4.2	-	mg/kg	12	mg/kg	1	1.5
Arsenic	REMEDIAL ACTION	AFP-B-C-6-M	477067.99	1348537.00	4.2	-	mg/kg	12	mg/kg	1	1.5
Arsenic	REMEDIAL ACTION	AFP-B-C-1-M	477090.99	1348394.00	4.5	-	mg/kg	12	mg/kg	1	1.5
Arsenic	UNKNOWN	067506	477443.68	1348419.22	4.6	-	mg/kg	12	mg/kg	9.5	12
Arsenic	CIS	PS-25-009	477032.62	1348465.24	4.6	J	mg/kg	12	mg/kg		
Arsenic	REMEDIAL ACTION	AFP-B-C-4-M	477044.99	1348490.00	6	-	mg/kg	12	mg/kg	1	1.5
Arsenic	RI/FS	112153	477309.74	1348528.82	7.9	-	mg/kg	12	mg/kg	20	22
Arsenic	UNKNOWN	067184	477272.52	1348486.90	8.4	-	mg/kg	12	mg/kg	29	30.5
Arsenic	UNKNOWN	067155	477346.84	1348570.61	9.1	-	mg/kg	12	mg/kg	18	19.5
Arsenic	UNKNOWN	067218	477269.05	1348361.98	9.1	-	mg/kg	12	mg/kg	41.5	43
Arsenic	RI/FS	112241	477170.36	1348501.23	10.4	-	mg/kg	12	mg/kg	0	0.5
Arsenic	RI/FS	112157	477309.74	1348528.82	10.6	-	mg/kg	12	mg/kg	24	26
Arsenic	RI/FS	112123	477270.90	1348424.39	11	-	mg/kg	12	mg/kg	25.5	27.5
Barium	UNKNOWN	067506	477443.68	1348419.22	16.7	-	mg/kg	68000	mg/kg	9.5	12
Barium	CIS	PS-25-009	477032.62	1348465.24	19	-	mg/kg	68000	mg/kg		

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**APPENDIX A
VALIDATED BELOW-FRL DATA**

Parameter	Sampling Program	Sample ID	Northing	Easting	Result	Qualifier	Units	FRL	Units	Top Depth	Bottom Depth
Barium	UNKNOWN	067184	477272.52	1348486.90	31.2	-	mg/kg	68000	mg/kg	29	30.5
Barium	UNKNOWN	067505	477443.68	1348419.22	56.6	-	mg/kg	68000	mg/kg	6	7.5
Barium	RI/FS	112126	477270.90	1348424.39	62.1	J	mg/kg	68000	mg/kg	29.5	31.5
Barium	UNKNOWN	067218	477269.05	1348361.98	63.6	-	mg/kg	68000	mg/kg	41.5	43
Barium	RI/FS	112123	477270.90	1348424.39	67.7	J	mg/kg	68000	mg/kg	25.5	27.5
Barium	RI/FS	112241	477170.36	1348501.23	75	-	mg/kg	68000	mg/kg	0	0.5
Barium	RI/FS	112248	477224.32	1348641.68	82.7	J	mg/kg	68000	mg/kg	0	0.5
Barium	RI/FS	112161	477395.53	1348495.36	106	J	mg/kg	68000	mg/kg	2	4
Barium	RI/FS	112249	477353.66	1348669.64	109	J	mg/kg	68000	mg/kg	0	0.5
Barium	RI/FS	112153	477309.74	1348528.82	115	J	mg/kg	68000	mg/kg	20	22
Barium	UNKNOWN	067173	477272.52	1348486.90	116	-	mg/kg	68000	mg/kg	13.5	15
Barium	RI/FS	112157	477309.74	1348528.82	119	J	mg/kg	68000	mg/kg	24	26
Barium	UNKNOWN	067155	477346.84	1348570.61	132	-	mg/kg	68000	mg/kg	18	19.5
Barium	RI/FS	112259	477350.83	1348368.24	139	-	mg/kg	68000	mg/kg	0	0.5
Barium	RI/FS	112180	477395.53	1348495.36	144	J	mg/kg	68000	mg/kg	17	19
Barium	RI/FS	112145	477309.74	1348528.82	147	J	mg/kg	68000	mg/kg	13	15
Barium	RI/FS	112251	477414.67	1348588.29	151	J	mg/kg	68000	mg/kg	0	0.5
Barium	RI/FS	112264	477204.08	1348281.83	160	-	mg/kg	68000	mg/kg	0	0.5
Barium	RI/FS	112167	477395.53	1348495.36	171	J	mg/kg	68000	mg/kg	8	10
Barium	UNKNOWN	067193	477269.05	1348361.98	179	-	mg/kg	68000	mg/kg	4.5	6
Barium	RI/FS	112092	477270.90	1348424.39	190	J	mg/kg	68000	mg/kg	2	4
Barium	RI/FS	112181	477395.53	1348495.36	195	J	mg/kg	68000	mg/kg	19	21
Barium	UNKNOWN	067149	477346.84	1348570.61	203	-	mg/kg	68000	mg/kg	9	10.5
Barium	RI/FS	112257	477312.86	1348636.13	215	-	mg/kg	68000	mg/kg	0	0.5
Barium	RI/FS	112130	477309.74	1348528.82	216	J	mg/kg	68000	mg/kg	2	4
Barium	RI/FS	112252	477251.96	1348341.16	225	-	mg/kg	68000	mg/kg	0	0.5
Barium	UNKNOWN	067503	477443.68	1348419.22	243	-	mg/kg	68000	mg/kg	1.5	3
Barium	RI/FS	112091	477270.90	1348424.39	248	J	mg/kg	68000	mg/kg	0	1.5
Barium	UNKNOWN	067201	477269.05	1348361.98	254	-	mg/kg	68000	mg/kg	16	17.5
Barium	RI/FS	112160	477395.53	1348495.36	275	J	mg/kg	68000	mg/kg	0	2
Barium	RI/FS	112129	477309.74	1348528.82	283	J	mg/kg	68000	mg/kg	0	2
Barium	RI/FS	112254	477229.95	1348473.97	286	-	mg/kg	68000	mg/kg	0	0.5
Barium	RI/FS	112258	477384.73	1348571.91	346	-	mg/kg	68000	mg/kg	0	0.5
Barium	RI/FS	112255	477265.40	1348609.79	349	-	mg/kg	68000	mg/kg	0	0.5
Barium	RI/FS	112117	477270.90	1348424.39	385	J	mg/kg	68000	mg/kg	20	22

APPENDIX A
VALIDATED BELOW-FRL DATA

Parameter	Sampling Program	Sample ID	Northing	Easting	Result	Qualifier	Units	FRL	Units	Top Depth	Bottom Depth
Barium	UNKNOWN	067167	477272.52	1348486.90	508	-	mg/kg	68000	mg/kg	4.5	6
Benzene	UNKNOWN	067706	477250.80	1348484.51	2	J	ug/kg	850000	ug/kg	6	7.5
Benzene	UNKNOWN	067155	477346.84	1348570.61	6	U	ug/kg	850000	ug/kg	18	19.5
Benzene	UNKNOWN	067184	477272.52	1348486.90	6	U	ug/kg	850000	ug/kg	29	30.5
Benzene	UNKNOWN	067218	477269.05	1348361.98	6	U	ug/kg	850000	ug/kg	41.5	43
Benzene	UNKNOWN	067506	477443.68	1348419.22	6	U	ug/kg	850000	ug/kg	9.5	12
Benzene	RI/FS	112126	477270.90	1348424.39	11	UJ	ug/kg	850000	ug/kg	29.5	31.5
Benzene	RI/FS	112153	477309.74	1348528.82	12	U	ug/kg	850000	ug/kg	20	22
Benzene	RI/FS	112241	477170.36	1348501.23	12	UJ	ug/kg	850000	ug/kg	0	0.5
Benzene	RI/FS	112091	477270.90	1348424.39	13	UJ	ug/kg	850000	ug/kg	0	1.5
Benzene	RI/FS	112092	477270.90	1348424.39	13	UJ	ug/kg	850000	ug/kg	2	4
Benzene	RI/FS	112123	477270.90	1348424.39	13	UJ	ug/kg	850000	ug/kg	25.5	27.5
Benzene	RI/FS	112180	477395.53	1348495.36	13	U	ug/kg	850000	ug/kg	17	19
Benzene	RI/FS	112181	477395.53	1348495.36	13	U	ug/kg	850000	ug/kg	19	21
Benzene	RI/FS	112117	477270.90	1348424.39	14	UJ	ug/kg	850000	ug/kg	20	22
Benzene	RI/FS	112248	477224.32	1348641.68	14	UJ	ug/kg	850000	ug/kg	0	0.5
Benzene	RI/FS	112249	477353.66	1348669.64	14	U	ug/kg	850000	ug/kg	0	0.5
Benzene	RI/FS	112264	477204.08	1348281.83	14	UJ	ug/kg	850000	ug/kg	0	0.5
Benzene	RI/FS	112251	477414.67	1348588.29	15	UJ	ug/kg	850000	ug/kg	0	0.5
Benzene	RI/FS	112130	477309.74	1348528.82	62	UJ	ug/kg	850000	ug/kg	2	4
Benzene	RI/FS	112157	477309.74	1348528.82	1500	U	ug/kg	850000	ug/kg	24	26
Benzo(a)anthracene	REMEDIAL ACTION	AFP-B-C-7-SP	477039.99	1348574.00	20	J	ug/kg	20000	ug/kg	1	1.5
Benzo(a)anthracene	REMEDIAL ACTION	AFP-B-C-3-SP	477085.99	1348436.00	29	J	ug/kg	20000	ug/kg	1	1.5
Benzo(a)anthracene	RI/FS	112264	477204.08	1348281.83	53	J	ug/kg	20000	ug/kg	0	0.5
Benzo(a)anthracene	REMEDIAL ACTION	AFP-B-C-2-SP	477051.76	1348425.25	67	J	ug/kg	20000	ug/kg	1	1.5
Benzo(a)anthracene	RI/FS	112249	477353.66	1348669.64	110	J	ug/kg	20000	ug/kg	0	0.5
Benzo(a)anthracene	REMEDIAL ACTION	AFP-B-C-8-SP	477130.99	1348344.00	110	J	ug/kg	20000	ug/kg	1	1.5
Benzo(a)anthracene	REMEDIAL ACTION	AFP-B-C-11-SP	477106.99	1348444.00	240	U	ug/kg	20000	ug/kg	1	1.5
Benzo(a)anthracene	REMEDIAL ACTION	AFP-B-C-11-SP-D	477106.99	1348444.00	240	U	ug/kg	20000	ug/kg	1	1.5
Benzo(a)anthracene	REMEDIAL ACTION	AFP-B-C-1-SP	477090.99	1348394.00	240	U	ug/kg	20000	ug/kg	1	1.5
Benzo(a)anthracene	REMEDIAL ACTION	AFP-B-C-4-SP	477044.99	1348490.00	240	U	ug/kg	20000	ug/kg	1	1.5
Benzo(a)anthracene	REMEDIAL ACTION	AFP-B-C-5-SP	477021.52	1348521.61	240	U	ug/kg	20000	ug/kg	1	1.5
Benzo(a)anthracene	REMEDIAL ACTION	AFP-B-C-10-SP	477141.99	1348424.00	250	U	ug/kg	20000	ug/kg	1	1.5
Benzo(a)anthracene	REMEDIAL ACTION	AFP-B-C-12-SP	477102.99	1348488.00	250	U	ug/kg	20000	ug/kg	1	1.5
Benzo(a)anthracene	REMEDIAL ACTION	AFP-B-C-13-SP	477107.99	1348511.00	250	U	ug/kg	20000	ug/kg	1	1.5

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**APPENDIX A
VALIDATED BELOW-FRL DATA**

Parameter	Sampling Program	Sample ID	Northing	Easting	Result	Qualifier	Units	FRL	Units	Top Depth	Bottom Depth
Benzo(a)anthracene	REMEDIAL ACTION	AFP-B-C-14-SP	477120.99	1348529.00	250	U	ug/kg	20000	ug/kg	1	1.5
Benzo(a)anthracene	REMEDIAL ACTION	AFP-B-C-15-SP	477111.99	1348569.00	250	U	ug/kg	20000	ug/kg	1	1.5
Benzo(a)anthracene	REMEDIAL ACTION	AFP-B-C-16-SP	477086.99	1348590.00	250	U	ug/kg	20000	ug/kg	1	1.5
Benzo(a)anthracene	REMEDIAL ACTION	AFP-B-C-6-SP	477067.99	1348537.00	250	U	ug/kg	20000	ug/kg	1	1.5
Benzo(a)anthracene	REMEDIAL ACTION	AFP-B-C-9-SP	477136.99	1348393.00	250	U	ug/kg	20000	ug/kg	1	1.5
Benzo(a)anthracene	RI/FS	112126	477270.90	1348424.39	370	U	ug/kg	20000	ug/kg	29.5	31.5
Benzo(a)anthracene	RI/FS	112123	477270.90	1348424.39	380	U	ug/kg	20000	ug/kg	25.5	27.5
Benzo(a)anthracene	UNKNOWN	067184	477272.52	1348486.90	390	U	ug/kg	20000	ug/kg	29	30.5
Benzo(a)anthracene	RI/FS	112153	477309.74	1348528.82	390	U	ug/kg	20000	ug/kg	20	22
Benzo(a)anthracene	UNKNOWN	067218	477269.05	1348361.98	400	U	ug/kg	20000	ug/kg	41.5	43
Benzo(a)anthracene	RI/FS	112092	477270.90	1348424.39	400	U	ug/kg	20000	ug/kg	2	4
Benzo(a)anthracene	RI/FS	112241	477170.36	1348501.23	400	U	ug/kg	20000	ug/kg	0	0.5
Benzo(a)anthracene	UNKNOWN	067193	477269.05	1348361.98	410	U	ug/kg	20000	ug/kg	4.5	6
Benzo(a)anthracene	UNKNOWN	067506	477443.68	1348419.22	410	U	ug/kg	20000	ug/kg	9.5	12
Benzo(a)anthracene	RI/FS	112091	477270.90	1348424.39	410	U	ug/kg	20000	ug/kg	0	1.5
Benzo(a)anthracene	RI/FS	112129	477309.74	1348528.82	410	U	ug/kg	20000	ug/kg	0	2
Benzo(a)anthracene	RI/FS	112130	477309.74	1348528.82	410	U	ug/kg	20000	ug/kg	2	4
Benzo(a)anthracene	RI/FS	112157	477309.74	1348528.82	410	U	ug/kg	20000	ug/kg	24	26
Benzo(a)anthracene	UNKNOWN	067155	477346.84	1348570.61	420	UJ	ug/kg	20000	ug/kg	18	19.5
Benzo(a)anthracene	UNKNOWN	067505	477443.68	1348419.22	420	U	ug/kg	20000	ug/kg	6	7.5
Benzo(a)anthracene	UNKNOWN	067711	477250.80	1348484.51	420	U	ug/kg	20000	ug/kg	13.5	15
Benzo(a)anthracene	RI/FS	112161	477395.53	1348495.36	420	U	ug/kg	20000	ug/kg	2	4
Benzo(a)anthracene	RI/FS	112181	477395.53	1348495.36	420	U	ug/kg	20000	ug/kg	19	21
Benzo(a)anthracene	UNKNOWN	067173	477272.52	1348486.90	430	U	ug/kg	20000	ug/kg	13.5	15
Benzo(a)anthracene	UNKNOWN	067503	477443.68	1348419.22	430	U	ug/kg	20000	ug/kg	1.5	3
Benzo(a)anthracene	UNKNOWN	067706	477250.80	1348484.51	430	U	ug/kg	20000	ug/kg	6	7.5
Benzo(a)anthracene	RI/FS	112180	477395.53	1348495.36	430	U	ug/kg	20000	ug/kg	17	19
Benzo(a)anthracene	RI/FS	112160	477395.53	1348495.36	440	U	ug/kg	20000	ug/kg	0	2
Benzo(a)anthracene	RI/FS	112167	477395.53	1348495.36	440	U	ug/kg	20000	ug/kg	8	10
Benzo(a)anthracene	RI/FS	112248	477224.32	1348641.68	440	U	ug/kg	20000	ug/kg	0	0.5
Benzo(a)anthracene	RI/FS	112252	477251.96	1348341.16	440	U	ug/kg	20000	ug/kg	0	0.5
Benzo(a)anthracene	RI/FS	112258	477384.73	1348571.91	440	U	ug/kg	20000	ug/kg	0	0.5
Benzo(a)anthracene	UNKNOWN	067167	477272.52	1348486.90	450	U	ug/kg	20000	ug/kg	4.5	6
Benzo(a)anthracene	UNKNOWN	067201	477269.05	1348361.98	450	U	ug/kg	20000	ug/kg	16	17.5
Benzo(a)anthracene	RI/FS	112117	477270.90	1348424.39	450	U	ug/kg	20000	ug/kg	20	22

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**APPENDIX A
VALIDATED BELOW-FRL DATA**

Parameter	Sampling Program	Sample ID	Northing	Easting	Result	Qualifier	Units	FRL	Units	Top Depth	Bottom Depth
Benzo(a)anthracene	RI/FS	112145	477309.74	1348528.82	450	U	ug/kg	20000	ug/kg	13	15
Benzo(a)anthracene	RI/FS	112257	477312.86	1348636.13	450	U	ug/kg	20000	ug/kg	0	0.5
Benzo(a)anthracene	RI/FS	112255	477265.40	1348609.79	460	U	ug/kg	20000	ug/kg	0	0.5
Benzo(a)anthracene	RI/FS	112251	477414.67	1348588.29	480	U	ug/kg	20000	ug/kg	0	0.5
Benzo(a)anthracene	RI/FS	112254	477229.95	1348473.97	490	U	ug/kg	20000	ug/kg	0	0.5
Benzo(a)anthracene	UNKNOWN	067149	477346.84	1348570.61	500	UJ	ug/kg	20000	ug/kg	9	10.5
Benzo(a)pyrene	REMEDIAL ACTION	AFP-B-C-7-SP	477039.99	1348574.00	18	J	ug/kg	2000	ug/kg	1	1.5
Benzo(a)pyrene	REMEDIAL ACTION	AFP-B-C-3-SP	477085.99	1348436.00	26	J	ug/kg	2000	ug/kg	1	1.5
Benzo(a)pyrene	REMEDIAL ACTION	AFP-B-C-2-SP	477051.76	1348425.25	57	J	ug/kg	2000	ug/kg	1	1.5
Benzo(a)pyrene	RI/FS	112251	477414.67	1348588.29	70	J	ug/kg	2000	ug/kg	0	0.5
Benzo(a)pyrene	REMEDIAL ACTION	AFP-B-C-8-SP	477130.99	1348344.00	110	J	ug/kg	2000	ug/kg	1	1.5
Benzo(a)pyrene	RI/FS	112249	477353.66	1348669.64	120	J	ug/kg	2000	ug/kg	0	0.5
Benzo(a)pyrene	REMEDIAL ACTION	AFP-B-C-11-SP	477106.99	1348444.00	350	U	ug/kg	2000	ug/kg	1	1.5
Benzo(a)pyrene	REMEDIAL ACTION	AFP-B-C-11-SP-D	477106.99	1348444.00	350	U	ug/kg	2000	ug/kg	1	1.5
Benzo(a)pyrene	REMEDIAL ACTION	AFP-B-C-1-SP	477090.99	1348394.00	360	U	ug/kg	2000	ug/kg	1	1.5
Benzo(a)pyrene	REMEDIAL ACTION	AFP-B-C-4-SP	477044.99	1348490.00	360	U	ug/kg	2000	ug/kg	1	1.5
Benzo(a)pyrene	REMEDIAL ACTION	AFP-B-C-5-SP	477021.52	1348521.61	360	U	ug/kg	2000	ug/kg	1	1.5
Benzo(a)pyrene	RI/FS	112126	477270.90	1348424.39	370	U	ug/kg	2000	ug/kg	29.5	31.5
Benzo(a)pyrene	REMEDIAL ACTION	AFP-B-C-10-SP	477141.99	1348424.00	370	U	ug/kg	2000	ug/kg	1	1.5
Benzo(a)pyrene	REMEDIAL ACTION	AFP-B-C-13-SP	477107.99	1348511.00	370	U	ug/kg	2000	ug/kg	1	1.5
Benzo(a)pyrene	REMEDIAL ACTION	AFP-B-C-14-SP	477120.99	1348529.00	370	U	ug/kg	2000	ug/kg	1	1.5
Benzo(a)pyrene	REMEDIAL ACTION	AFP-B-C-15-SP	477111.99	1348569.00	370	U	ug/kg	2000	ug/kg	1	1.5
Benzo(a)pyrene	REMEDIAL ACTION	AFP-B-C-16-SP	477086.99	1348590.00	370	U	ug/kg	2000	ug/kg	1	1.5
Benzo(a)pyrene	REMEDIAL ACTION	AFP-B-C-6-SP	477067.99	1348537.00	370	U	ug/kg	2000	ug/kg	1	1.5
Benzo(a)pyrene	REMEDIAL ACTION	AFP-B-C-9-SP	477136.99	1348393.00	370	U	ug/kg	2000	ug/kg	1	1.5
Benzo(a)pyrene	RI/FS	112123	477270.90	1348424.39	380	U	ug/kg	2000	ug/kg	25.5	27.5
Benzo(a)pyrene	REMEDIAL ACTION	AFP-B-C-12-SP	477102.99	1348488.00	380	U	ug/kg	2000	ug/kg	1	1.5
Benzo(a)pyrene	UNKNOWN	067184	477272.52	1348486.90	390	U	ug/kg	2000	ug/kg	29	30.5
Benzo(a)pyrene	RI/FS	112153	477309.74	1348528.82	390	U	ug/kg	2000	ug/kg	20	22
Benzo(a)pyrene	UNKNOWN	067218	477269.05	1348361.98	400	U	ug/kg	2000	ug/kg	41.5	43
Benzo(a)pyrene	RI/FS	112092	477270.90	1348424.39	400	U	ug/kg	2000	ug/kg	2	4
Benzo(a)pyrene	RI/FS	112241	477170.36	1348501.23	400	U	ug/kg	2000	ug/kg	0	0.5
Benzo(a)pyrene	UNKNOWN	067193	477269.05	1348361.98	410	U	ug/kg	2000	ug/kg	4.5	6
Benzo(a)pyrene	UNKNOWN	067506	477443.68	1348419.22	410	U	ug/kg	2000	ug/kg	9.5	12
Benzo(a)pyrene	RI/FS	112091	477270.90	1348424.39	410	U	ug/kg	2000	ug/kg	0	1.5

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**APPENDIX A
VALIDATED BELOW-FRL DATA**

Parameter	Sampling Program	Sample ID	Northing	Easting	Result	Qualifier	Units	FRL	Units	Top Depth	Bottom Depth
Benzo(a)pyrene	RI/FS	112129	477309.74	1348528.82	410	U	ug/kg	2000	ug/kg	0	2
Benzo(a)pyrene	RI/FS	112130	477309.74	1348528.82	410	U	ug/kg	2000	ug/kg	2	4
Benzo(a)pyrene	RI/FS	112157	477309.74	1348528.82	410	U	ug/kg	2000	ug/kg	24	26
Benzo(a)pyrene	UNKNOWN	067155	477346.84	1348570.61	420	UJ	ug/kg	2000	ug/kg	18	19.5
Benzo(a)pyrene	UNKNOWN	067505	477443.68	1348419.22	420	U	ug/kg	2000	ug/kg	6	7.5
Benzo(a)pyrene	UNKNOWN	067711	477250.80	1348484.51	420	U	ug/kg	2000	ug/kg	13.5	15
Benzo(a)pyrene	RI/FS	112161	477395.53	1348495.36	420	U	ug/kg	2000	ug/kg	2	4
Benzo(a)pyrene	RI/FS	112181	477395.53	1348495.36	420	U	ug/kg	2000	ug/kg	19	21
Benzo(a)pyrene	UNKNOWN	067173	477272.52	1348486.90	430	U	ug/kg	2000	ug/kg	13.5	15
Benzo(a)pyrene	UNKNOWN	067503	477443.68	1348419.22	430	U	ug/kg	2000	ug/kg	1.5	3
Benzo(a)pyrene	UNKNOWN	067706	477250.80	1348484.51	430	U	ug/kg	2000	ug/kg	6	7.5
Benzo(a)pyrene	RI/FS	112180	477395.53	1348495.36	430	U	ug/kg	2000	ug/kg	17	19
Benzo(a)pyrene	RI/FS	112160	477395.53	1348495.36	440	U	ug/kg	2000	ug/kg	0	2
Benzo(a)pyrene	RI/FS	112167	477395.53	1348495.36	440	U	ug/kg	2000	ug/kg	8	10
Benzo(a)pyrene	RI/FS	112248	477224.32	1348641.68	440	U	ug/kg	2000	ug/kg	0	0.5
Benzo(a)pyrene	RI/FS	112252	477251.96	1348341.16	440	U	ug/kg	2000	ug/kg	0	0.5
Benzo(a)pyrene	RI/FS	112258	477384.73	1348571.91	440	U	ug/kg	2000	ug/kg	0	0.5
Benzo(a)pyrene	UNKNOWN	067167	477272.52	1348486.90	450	U	ug/kg	2000	ug/kg	4.5	6
Benzo(a)pyrene	UNKNOWN	067201	477269.05	1348361.98	450	U	ug/kg	2000	ug/kg	16	17.5
Benzo(a)pyrene	RI/FS	112117	477270.90	1348424.39	450	U	ug/kg	2000	ug/kg	20	22
Benzo(a)pyrene	RI/FS	112145	477309.74	1348528.82	450	U	ug/kg	2000	ug/kg	13	15
Benzo(a)pyrene	RI/FS	112257	477312.86	1348636.13	450	U	ug/kg	2000	ug/kg	0	0.5
Benzo(a)pyrene	RI/FS	112255	477265.40	1348609.79	460	U	ug/kg	2000	ug/kg	0	0.5
Benzo(a)pyrene	RI/FS	112254	477229.95	1348473.97	490	U	ug/kg	2000	ug/kg	0	0.5
Benzo(a)pyrene	RI/FS	112264	477204.08	1348281.83	490	U	ug/kg	2000	ug/kg	0	0.5
Benzo(a)pyrene	UNKNOWN	067149	477346.84	1348570.61	500	UJ	ug/kg	2000	ug/kg	9	10.5
Benzo(b)fluoranthene	REMEDIAL ACTION	AFP-B-C-7-SP	477039.99	1348574.00	26	J	ug/kg	20000	ug/kg	1	1.5
Benzo(b)fluoranthene	REMEDIAL ACTION	AFP-B-C-3-SP	477085.99	1348436.00	34	J	ug/kg	20000	ug/kg	1	1.5
Benzo(b)fluoranthene	REMEDIAL ACTION	AFP-B-C-2-SP	477051.76	1348425.25	62	J	ug/kg	20000	ug/kg	1	1.5
Benzo(b)fluoranthene	RI/FS	112251	477414.67	1348588.29	100	J	ug/kg	20000	ug/kg	0	0.5
Benzo(b)fluoranthene	RI/FS	112264	477204.08	1348281.83	100	J	ug/kg	20000	ug/kg	0	0.5
Benzo(b)fluoranthene	REMEDIAL ACTION	AFP-B-C-8-SP	477130.99	1348344.00	110	J	ug/kg	20000	ug/kg	1	1.5
Benzo(b)fluoranthene	RI/FS	112249	477353.66	1348669.64	180	J	ug/kg	20000	ug/kg	0	0.5
Benzo(b)fluoranthene	REMEDIAL ACTION	AFP-B-C-11-SP-D	477106.99	1348444.00	260	U	ug/kg	20000	ug/kg	1	1.5
Benzo(b)fluoranthene	REMEDIAL ACTION	AFP-B-C-11-SP	477106.99	1348444.00	270	U	ug/kg	20000	ug/kg	1	1.5

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**APPENDIX A
VALIDATED BELOW-FRL DATA**

Parameter	Sampling Program	Sample ID	Northing	Easting	Result	Qualifier	Units	FRL	Units	Top Depth	Bottom Depth
Benzo(b)fluoranthene	REMEDIAL ACTION	AFP-B-C-1-SP	477090.99	1348394.00	270	U	ug/kg	20000	ug/kg	1	1.5
Benzo(b)fluoranthene	REMEDIAL ACTION	AFP-B-C-4-SP	477044.99	1348490.00	270	U	ug/kg	20000	ug/kg	1	1.5
Benzo(b)fluoranthene	REMEDIAL ACTION	AFP-B-C-5-SP	477021.52	1348521.61	270	U	ug/kg	20000	ug/kg	1	1.5
Benzo(b)fluoranthene	REMEDIAL ACTION	AFP-B-C-10-SP	477141.99	1348424.00	280	U	ug/kg	20000	ug/kg	1	1.5
Benzo(b)fluoranthene	REMEDIAL ACTION	AFP-B-C-12-SP	477102.99	1348488.00	280	U	ug/kg	20000	ug/kg	1	1.5
Benzo(b)fluoranthene	REMEDIAL ACTION	AFP-B-C-13-SP	477107.99	1348511.00	280	U	ug/kg	20000	ug/kg	1	1.5
Benzo(b)fluoranthene	REMEDIAL ACTION	AFP-B-C-14-SP	477120.99	1348529.00	280	U	ug/kg	20000	ug/kg	1	1.5
Benzo(b)fluoranthene	REMEDIAL ACTION	AFP-B-C-15-SP	477111.99	1348569.00	280	U	ug/kg	20000	ug/kg	1	1.5
Benzo(b)fluoranthene	REMEDIAL ACTION	AFP-B-C-16-SP	477086.99	1348590.00	280	U	ug/kg	20000	ug/kg	1	1.5
Benzo(b)fluoranthene	REMEDIAL ACTION	AFP-B-C-6-SP	477067.99	1348537.00	280	U	ug/kg	20000	ug/kg	1	1.5
Benzo(b)fluoranthene	REMEDIAL ACTION	AFP-B-C-9-SP	477136.99	1348393.00	280	U	ug/kg	20000	ug/kg	1	1.5
Benzo(b)fluoranthene	RI/FS	112126	477270.90	1348424.39	370	U	ug/kg	20000	ug/kg	29.5	31.5
Benzo(b)fluoranthene	RI/FS	112123	477270.90	1348424.39	380	U	ug/kg	20000	ug/kg	25.5	27.5
Benzo(b)fluoranthene	UNKNOWN	067184	477272.52	1348486.90	390	U	ug/kg	20000	ug/kg	29	30.5
Benzo(b)fluoranthene	RI/FS	112153	477309.74	1348528.82	390	U	ug/kg	20000	ug/kg	20	22
Benzo(b)fluoranthene	UNKNOWN	067218	477269.05	1348361.98	400	U	ug/kg	20000	ug/kg	41.5	43
Benzo(b)fluoranthene	RI/FS	112092	477270.90	1348424.39	400	U	ug/kg	20000	ug/kg	2	4
Benzo(b)fluoranthene	RI/FS	112241	477170.36	1348501.23	400	U	ug/kg	20000	ug/kg	0	0.5
Benzo(b)fluoranthene	UNKNOWN	067193	477269.05	1348361.98	410	U	ug/kg	20000	ug/kg	4.5	6
Benzo(b)fluoranthene	UNKNOWN	067506	477443.68	1348419.22	410	U	ug/kg	20000	ug/kg	9.5	12
Benzo(b)fluoranthene	RI/FS	112091	477270.90	1348424.39	410	U	ug/kg	20000	ug/kg	0	1.5
Benzo(b)fluoranthene	RI/FS	112129	477309.74	1348528.82	410	U	ug/kg	20000	ug/kg	0	2
Benzo(b)fluoranthene	RI/FS	112130	477309.74	1348528.82	410	U	ug/kg	20000	ug/kg	2	4
Benzo(b)fluoranthene	RI/FS	112157	477309.74	1348528.82	410	U	ug/kg	20000	ug/kg	24	26
Benzo(b)fluoranthene	UNKNOWN	067155	477346.84	1348570.61	420	UJ	ug/kg	20000	ug/kg	18	19.5
Benzo(b)fluoranthene	UNKNOWN	067505	477443.68	1348419.22	420	U	ug/kg	20000	ug/kg	6	7.5
Benzo(b)fluoranthene	UNKNOWN	067711	477250.80	1348484.51	420	U	ug/kg	20000	ug/kg	13.5	15
Benzo(b)fluoranthene	RI/FS	112161	477395.53	1348495.36	420	U	ug/kg	20000	ug/kg	2	4
Benzo(b)fluoranthene	RI/FS	112181	477395.53	1348495.36	420	U	ug/kg	20000	ug/kg	19	21
Benzo(b)fluoranthene	UNKNOWN	067173	477272.52	1348486.90	430	U	ug/kg	20000	ug/kg	13.5	15
Benzo(b)fluoranthene	UNKNOWN	067503	477443.68	1348419.22	430	U	ug/kg	20000	ug/kg	1.5	3
Benzo(b)fluoranthene	UNKNOWN	067706	477250.80	1348484.51	430	U	ug/kg	20000	ug/kg	6	7.5
Benzo(b)fluoranthene	RI/FS	112180	477395.53	1348495.36	430	U	ug/kg	20000	ug/kg	17	19
Benzo(b)fluoranthene	RI/FS	112160	477395.53	1348495.36	440	U	ug/kg	20000	ug/kg	0	2
Benzo(b)fluoranthene	RI/FS	112167	477395.53	1348495.36	440	U	ug/kg	20000	ug/kg	8	10

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**APPENDIX A
VALIDATED BELOW-FRL DATA**

Parameter	Sampling Program	Sample ID	Northing	Easting	Result	Qualifier	Units	FRL	Units	Top Depth	Bottom Depth
Benzo(b)fluoranthene	RI/FS	112248	477224.32	1348641.68	440	U	ug/kg	20000	ug/kg	0	0.5
Benzo(b)fluoranthene	RI/FS	112252	477251.96	1348341.16	440	U	ug/kg	20000	ug/kg	0	0.5
Benzo(b)fluoranthene	RI/FS	112258	477384.73	1348571.91	440	U	ug/kg	20000	ug/kg	0	0.5
Benzo(b)fluoranthene	UNKNOWN	067167	477272.52	1348486.90	450	U	ug/kg	20000	ug/kg	4.5	6
Benzo(b)fluoranthene	UNKNOWN	067201	477269.05	1348361.98	450	U	ug/kg	20000	ug/kg	16	17.5
Benzo(b)fluoranthene	RI/FS	112117	477270.90	1348424.39	450	U	ug/kg	20000	ug/kg	20	22
Benzo(b)fluoranthene	RI/FS	112145	477309.74	1348528.82	450	U	ug/kg	20000	ug/kg	13	15
Benzo(b)fluoranthene	RI/FS	112257	477312.86	1348636.13	450	U	ug/kg	20000	ug/kg	0	0.5
Benzo(b)fluoranthene	RI/FS	112255	477265.40	1348609.79	460	U	ug/kg	20000	ug/kg	0	0.5
Benzo(b)fluoranthene	RI/FS	112254	477229.95	1348473.97	490	U	ug/kg	20000	ug/kg	0	0.5
Benzo(b)fluoranthene	UNKNOWN	067149	477346.84	1348570.61	500	UJ	ug/kg	20000	ug/kg	9	10.5
Benzo(k)fluoranthene	REMEDIAL ACTION	AFP-B-C-7-SP	477039.99	1348574.00	26	J	ug/kg	200000	ug/kg	1	1.5
Benzo(k)fluoranthene	REMEDIAL ACTION	AFP-B-C-3-SP	477085.99	1348436.00	31	J	ug/kg	200000	ug/kg	1	1.5
Benzo(k)fluoranthene	RI/FS	112264	477204.08	1348281.83	54	J	ug/kg	200000	ug/kg	0	0.5
Benzo(k)fluoranthene	REMEDIAL ACTION	AFP-B-C-2-SP	477051.76	1348425.25	57	J	ug/kg	200000	ug/kg	1	1.5
Benzo(k)fluoranthene	RI/FS	112249	477353.66	1348669.64	73	J	ug/kg	200000	ug/kg	0	0.5
Benzo(k)fluoranthene	REMEDIAL ACTION	AFP-B-C-8-SP	477130.99	1348344.00	110	J	ug/kg	200000	ug/kg	1	1.5
Benzo(k)fluoranthene	REMEDIAL ACTION	AFP-B-C-11-SP	477106.99	1348444.00	320	U	ug/kg	200000	ug/kg	1	1.5
Benzo(k)fluoranthene	REMEDIAL ACTION	AFP-B-C-11-SP-D	477106.99	1348444.00	320	U	ug/kg	200000	ug/kg	1	1.5
Benzo(k)fluoranthene	REMEDIAL ACTION	AFP-B-C-1-SP	477090.99	1348394.00	320	U	ug/kg	200000	ug/kg	1	1.5
Benzo(k)fluoranthene	REMEDIAL ACTION	AFP-B-C-5-SP	477021.52	1348521.61	320	U	ug/kg	200000	ug/kg	1	1.5
Benzo(k)fluoranthene	REMEDIAL ACTION	AFP-B-C-10-SP	477141.99	1348424.00	330	U	ug/kg	200000	ug/kg	1	1.5
Benzo(k)fluoranthene	REMEDIAL ACTION	AFP-B-C-13-SP	477107.99	1348511.00	330	U	ug/kg	200000	ug/kg	1	1.5
Benzo(k)fluoranthene	REMEDIAL ACTION	AFP-B-C-14-SP	477120.99	1348529.00	330	U	ug/kg	200000	ug/kg	1	1.5
Benzo(k)fluoranthene	REMEDIAL ACTION	AFP-B-C-15-SP	477111.99	1348569.00	330	U	ug/kg	200000	ug/kg	1	1.5
Benzo(k)fluoranthene	REMEDIAL ACTION	AFP-B-C-4-SP	477021.52	1348521.61	330	U	ug/kg	200000	ug/kg	1	1.5
Benzo(k)fluoranthene	REMEDIAL ACTION	AFP-B-C-6-SP	477067.99	1348537.00	330	U	ug/kg	200000	ug/kg	1	1.5
Benzo(k)fluoranthene	REMEDIAL ACTION	AFP-B-C-9-SP	477136.99	1348393.00	330	U	ug/kg	200000	ug/kg	1	1.5
Benzo(k)fluoranthene	REMEDIAL ACTION	AFP-B-C-12-SP	477102.99	1348488.00	340	U	ug/kg	200000	ug/kg	1	1.5
Benzo(k)fluoranthene	REMEDIAL ACTION	AFP-B-C-16-SP	477086.99	1348590.00	340	U	ug/kg	200000	ug/kg	1	1.5
Benzo(k)fluoranthene	RI/FS	112126	477270.90	1348424.39	370	U	ug/kg	200000	ug/kg	29.5	31.5
Benzo(k)fluoranthene	RI/FS	112123	477270.90	1348424.39	380	U	ug/kg	200000	ug/kg	25.5	27.5
Benzo(k)fluoranthene	UNKNOWN	067184	477272.52	1348486.90	390	U	ug/kg	200000	ug/kg	29	30.5
Benzo(k)fluoranthene	RI/FS	112153	477309.74	1348528.82	390	U	ug/kg	200000	ug/kg	20	22
Benzo(k)fluoranthene	UNKNOWN	067218	477269.05	1348361.98	400	U	ug/kg	200000	ug/kg	41.5	43

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**APPENDIX A
VALIDATED BELOW-FRL DATA**

Parameter	Sampling Program	Sample ID	Northing	Easting	Result	Qualifier	Units	FRL	Units	Top Depth	Bottom Depth
Benzo(k)fluoranthene	RI/FS	112092	477270.90	1348424.39	400	U	ug/kg	200000	ug/kg	2	4
Benzo(k)fluoranthene	RI/FS	112241	477170.36	1348501.23	400	U	ug/kg	200000	ug/kg	0	0.5
Benzo(k)fluoranthene	UNKNOWN	067193	477269.05	1348361.98	410	U	ug/kg	200000	ug/kg	4.5	6
Benzo(k)fluoranthene	UNKNOWN	067506	477443.68	1348419.22	410	U	ug/kg	200000	ug/kg	9.5	12
Benzo(k)fluoranthene	RI/FS	112091	477270.90	1348424.39	410	U	ug/kg	200000	ug/kg	0	1.5
Benzo(k)fluoranthene	RI/FS	112129	477309.74	1348528.82	410	U	ug/kg	200000	ug/kg	0	2
Benzo(k)fluoranthene	RI/FS	112130	477309.74	1348528.82	410	U	ug/kg	200000	ug/kg	2	4
Benzo(k)fluoranthene	RI/FS	112157	477309.74	1348528.82	410	U	ug/kg	200000	ug/kg	24	26
Benzo(k)fluoranthene	UNKNOWN	067155	477346.84	1348570.61	420	UJ	ug/kg	200000	ug/kg	18	19.5
Benzo(k)fluoranthene	UNKNOWN	067505	477443.68	1348419.22	420	U	ug/kg	200000	ug/kg	6	7.5
Benzo(k)fluoranthene	UNKNOWN	067711	477250.80	1348484.51	420	U	ug/kg	200000	ug/kg	13.5	15
Benzo(k)fluoranthene	RI/FS	112161	477395.53	1348495.36	420	U	ug/kg	200000	ug/kg	2	4
Benzo(k)fluoranthene	RI/FS	112181	477395.53	1348495.36	420	U	ug/kg	200000	ug/kg	19	21
Benzo(k)fluoranthene	UNKNOWN	067173	477272.52	1348486.90	430	U	ug/kg	200000	ug/kg	13.5	15
Benzo(k)fluoranthene	UNKNOWN	067503	477443.68	1348419.22	430	U	ug/kg	200000	ug/kg	1.5	3
Benzo(k)fluoranthene	UNKNOWN	067706	477250.80	1348484.51	430	U	ug/kg	200000	ug/kg	6	7.5
Benzo(k)fluoranthene	RI/FS	112180	477395.53	1348495.36	430	U	ug/kg	200000	ug/kg	17	19
Benzo(k)fluoranthene	RI/FS	112160	477395.53	1348495.36	440	U	ug/kg	200000	ug/kg	0	2
Benzo(k)fluoranthene	RI/FS	112167	477395.53	1348495.36	440	U	ug/kg	200000	ug/kg	8	10
Benzo(k)fluoranthene	RI/FS	112248	477224.32	1348641.68	440	U	ug/kg	200000	ug/kg	0	0.5
Benzo(k)fluoranthene	RI/FS	112252	477251.96	1348341.16	440	U	ug/kg	200000	ug/kg	0	0.5
Benzo(k)fluoranthene	RI/FS	112258	477384.73	1348571.91	440	U	ug/kg	200000	ug/kg	0	0.5
Benzo(k)fluoranthene	UNKNOWN	067167	477272.52	1348486.90	450	U	ug/kg	200000	ug/kg	4.5	6
Benzo(k)fluoranthene	UNKNOWN	067201	477269.05	1348361.98	450	U	ug/kg	200000	ug/kg	16	17.5
Benzo(k)fluoranthene	RI/FS	112117	477270.90	1348424.39	450	U	ug/kg	200000	ug/kg	20	22
Benzo(k)fluoranthene	RI/FS	112145	477309.74	1348528.82	450	U	ug/kg	200000	ug/kg	13	15
Benzo(k)fluoranthene	RI/FS	112257	477312.86	1348636.13	450	U	ug/kg	200000	ug/kg	0	0.5
Benzo(k)fluoranthene	RI/FS	112255	477265.40	1348609.79	460	U	ug/kg	200000	ug/kg	0	0.5
Benzo(k)fluoranthene	RI/FS	112251	477414.67	1348588.29	480	U	ug/kg	200000	ug/kg	0	0.5
Benzo(k)fluoranthene	RI/FS	112254	477229.95	1348473.97	490	U	ug/kg	200000	ug/kg	0	0.5
Benzo(k)fluoranthene	UNKNOWN	067149	477346.84	1348570.61	500	UJ	ug/kg	200000	ug/kg	9	10.5
Beryllium	CIS	PS-25-009	477032.62	1348465.24	0.2	-	mg/kg	1.5	mg/kg		
Beryllium	UNKNOWN	067506	477443.68	1348419.22	0.47	-	mg/kg	1.5	mg/kg	9.5	12
Beryllium	RI/FS	112123	477270.90	1348424.39	0.55	-	mg/kg	1.5	mg/kg	25.5	27.5
Beryllium	RI/FS	112126	477270.90	1348424.39	0.64	-	mg/kg	1.5	mg/kg	29.5	31.5

**APPENDIX A
VALIDATED BELOW-FRL DATA**

Parameter	Sampling Program	Sample ID	Northing	Easting	Result	Qualifier	Units	FRL	Units	Top Depth	Bottom Depth
Beryllium	UNKNOWN	067505	477443.68	1348419.22	0.65	-	mg/kg	1.5	mg/kg	6	7.5
Beryllium	UNKNOWN	067218	477269.05	1348361.98	0.74	-	mg/kg	1.5	mg/kg	41.5	43
Beryllium	UNKNOWN	067184	477272.52	1348486.90	0.75	-	mg/kg	1.5	mg/kg	29	30.5
Beryllium	RI/FS	112180	477395.53	1348495.36	1.1	-	mg/kg	1.5	mg/kg	17	19
Beryllium	RI/FS	112181	477395.53	1348495.36	1.1	-	mg/kg	1.5	mg/kg	19	21
Beryllium	UNKNOWN	067155	477346.84	1348570.61	1.2	-	mg/kg	1.5	mg/kg	18	19.5
Beryllium	RI/FS	112153	477309.74	1348528.82	1.4	-	mg/kg	1.5	mg/kg	20	22
Beryllium	RI/FS	112157	477309.74	1348528.82	1.4	-	mg/kg	1.5	mg/kg	24	26
Beryllium	RI/FS	112248	477224.32	1348641.68	1.5	-	mg/kg	1.5	mg/kg	0	0.5
Bromodichloromethane	UNKNOWN	067155	477346.84	1348570.61	6	UJ	ug/kg	4000	ug/kg	18	19.5
Bromodichloromethane	UNKNOWN	067184	477272.52	1348486.90	6	U	ug/kg	4000	ug/kg	29	30.5
Bromodichloromethane	UNKNOWN	067218	477269.05	1348361.98	6	U	ug/kg	4000	ug/kg	41.5	43
Bromodichloromethane	UNKNOWN	067506	477443.68	1348419.22	6	U	ug/kg	4000	ug/kg	9.5	12
Bromodichloromethane	RI/FS	112126	477270.90	1348424.39	11	UJ	ug/kg	4000	ug/kg	29.5	31.5
Bromodichloromethane	RI/FS	112153	477309.74	1348528.82	12	U	ug/kg	4000	ug/kg	20	22
Bromodichloromethane	RI/FS	112241	477170.36	1348501.23	12	UJ	ug/kg	4000	ug/kg	0	0.5
Bromodichloromethane	RI/FS	112091	477270.90	1348424.39	13	UJ	ug/kg	4000	ug/kg	0	1.5
Bromodichloromethane	RI/FS	112092	477270.90	1348424.39	13	UJ	ug/kg	4000	ug/kg	2	4
Bromodichloromethane	RI/FS	112123	477270.90	1348424.39	13	UJ	ug/kg	4000	ug/kg	25.5	27.5
Bromodichloromethane	RI/FS	112180	477395.53	1348495.36	13	U	ug/kg	4000	ug/kg	17	19
Bromodichloromethane	RI/FS	112181	477395.53	1348495.36	13	U	ug/kg	4000	ug/kg	19	21
Bromodichloromethane	RI/FS	112117	477270.90	1348424.39	14	UJ	ug/kg	4000	ug/kg	20	22
Bromodichloromethane	RI/FS	112248	477224.32	1348641.68	14	UJ	ug/kg	4000	ug/kg	0	0.5
Bromodichloromethane	RI/FS	112249	477353.66	1348669.64	14	U	ug/kg	4000	ug/kg	0	0.5
Bromodichloromethane	RI/FS	112264	477204.08	1348281.83	14	UJ	ug/kg	4000	ug/kg	0	0.5
Bromodichloromethane	RI/FS	112251	477414.67	1348588.29	15	UJ	ug/kg	4000	ug/kg	0	0.5
Bromodichloromethane	RI/FS	112130	477309.74	1348528.82	62	UJ	ug/kg	4000	ug/kg	2	4
Bromodichloromethane	RI/FS	112157	477309.74	1348528.82	1500	U	ug/kg	4000	ug/kg	24	26
Bromoform	UNKNOWN	067155	477346.84	1348570.61	6	U	ug/kg	31000	ug/kg	18	19.5
Bromoform	UNKNOWN	067184	477272.52	1348486.90	6	U	ug/kg	31000	ug/kg	29	30.5
Bromoform	UNKNOWN	067218	477269.05	1348361.98	6	U	ug/kg	31000	ug/kg	41.5	43
Bromoform	UNKNOWN	067506	477443.68	1348419.22	6	UJ	ug/kg	31000	ug/kg	9.5	12
Bromoform	RI/FS	112126	477270.90	1348424.39	11	UJ	ug/kg	31000	ug/kg	29.5	31.5
Bromoform	RI/FS	112153	477309.74	1348528.82	12	U	ug/kg	31000	ug/kg	20	22
Bromoform	RI/FS	112241	477170.36	1348501.23	12	UJ	ug/kg	31000	ug/kg	0	0.5

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VALIDATED BELOW-FRL DATA

Parameter	Sampling Program	Sample ID	Northing	Easting	Result	Qualifier	Units	FRL	Units	Top Depth	Bottom Depth
Bromoform	RI/FS	112091	477270.90	1348424.39	13	UJ	ug/kg	31000	ug/kg	0	1.5
Bromoform	RI/FS	112092	477270.90	1348424.39	13	UJ	ug/kg	31000	ug/kg	2	4
Bromoform	RI/FS	112123	477270.90	1348424.39	13	UJ	ug/kg	31000	ug/kg	25.5	27.5
Bromoform	RI/FS	112180	477395.53	1348495.36	13	U	ug/kg	31000	ug/kg	17	19
Bromoform	RI/FS	112181	477395.53	1348495.36	13	U	ug/kg	31000	ug/kg	19	21
Bromoform	RI/FS	112117	477270.90	1348424.39	14	UJ	ug/kg	31000	ug/kg	20	22
Bromoform	RI/FS	112248	477224.32	1348641.68	14	UJ	ug/kg	31000	ug/kg	0	0.5
Bromoform	RI/FS	112249	477353.66	1348669.64	14	U	ug/kg	31000	ug/kg	0	0.5
Bromoform	RI/FS	112264	477204.08	1348281.83	14	UJ	ug/kg	31000	ug/kg	0	0.5
Bromoform	RI/FS	112251	477414.67	1348588.29	15	UJ	ug/kg	31000	ug/kg	0	0.5
Bromoform	RI/FS	112130	477309.74	1348528.82	62	UJ	ug/kg	31000	ug/kg	2	4
Bromoform	RI/FS	112157	477309.74	1348528.82	1500	U	ug/kg	31000	ug/kg	24	26
Bromomethane	RI/FS	112126	477270.90	1348424.39	11	UJ	ug/kg	8200000	ug/kg	29.5	31.5
Bromomethane	UNKNOWN	067155	477346.84	1348570.61	12	U	ug/kg	8200000	ug/kg	18	19.5
Bromomethane	UNKNOWN	067184	477272.52	1348486.90	12	U	ug/kg	8200000	ug/kg	29	30.5
Bromomethane	UNKNOWN	067193	477269.05	1348361.98	12	UJ	ug/kg	8200000	ug/kg	4.5	6
Bromomethane	UNKNOWN	067218	477269.05	1348361.98	12	U	ug/kg	8200000	ug/kg	41.5	43
Bromomethane	UNKNOWN	067506	477443.68	1348419.22	12	UJ	ug/kg	8200000	ug/kg	9.5	12
Bromomethane	RI/FS	112153	477309.74	1348528.82	12	U	ug/kg	8200000	ug/kg	20	22
Bromomethane	RI/FS	112241	477170.36	1348501.23	12	U	ug/kg	8200000	ug/kg	0	0.5
Bromomethane	RI/FS	112091	477270.90	1348424.39	13	UJ	ug/kg	8200000	ug/kg	0	1.5
Bromomethane	RI/FS	112092	477270.90	1348424.39	13	UJ	ug/kg	8200000	ug/kg	2	4
Bromomethane	RI/FS	112123	477270.90	1348424.39	13	UJ	ug/kg	8200000	ug/kg	25.5	27.5
Bromomethane	RI/FS	112160	477395.53	1348495.36	13	UJ	ug/kg	8200000	ug/kg	0	2
Bromomethane	RI/FS	112161	477395.53	1348495.36	13	UJ	ug/kg	8200000	ug/kg	2	4
Bromomethane	RI/FS	112180	477395.53	1348495.36	13	UJ	ug/kg	8200000	ug/kg	17	19
Bromomethane	RI/FS	112181	477395.53	1348495.36	13	U	ug/kg	8200000	ug/kg	19	21
Bromomethane	RI/FS	112252	477251.96	1348341.16	13	U	ug/kg	8200000	ug/kg	0	0.5
Bromomethane	RI/FS	112257	477312.86	1348636.13	13	UJ	ug/kg	8200000	ug/kg	0	0.5
Bromomethane	RI/FS	112258	477384.73	1348571.91	13	U	ug/kg	8200000	ug/kg	0	0.5
Bromomethane	UNKNOWN	067201	477269.05	1348361.98	14	UJ	ug/kg	8200000	ug/kg	16	17.5
Bromomethane	RI/FS	112117	477270.90	1348424.39	14	UJ	ug/kg	8200000	ug/kg	20	22
Bromomethane	RI/FS	112248	477224.32	1348641.68	14	UJ	ug/kg	8200000	ug/kg	0	0.5
Bromomethane	RI/FS	112249	477353.66	1348669.64	14	U	ug/kg	8200000	ug/kg	0	0.5
Bromomethane	RI/FS	112254	477229.95	1348473.97	14	UJ	ug/kg	8200000	ug/kg	0	0.5

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**APPENDIX A
VALIDATED BELOW-FRL DATA**

Parameter	Sampling Program	Sample ID	Northing	Easting	Result	Qualifier	Units	FRL	Units	Top Depth	Bottom Depth
Bromomethane	RI/FS	112255	477265.40	1348609.79	14	U	ug/kg	8200000	ug/kg	0	0.5
Bromomethane	RI/FS	112264	477204.08	1348281.83	14	U	ug/kg	8200000	ug/kg	0	0.5
Bromomethane	UNKNOWN	067149	477346.84	1348570.61	15	UJ	ug/kg	8200000	ug/kg	9	10.5
Bromomethane	RI/FS	112251	477414.67	1348588.29	15	U	ug/kg	8200000	ug/kg	0	0.5
Bromomethane	RI/FS	112259	477350.83	1348368.24	15	UJ	ug/kg	8200000	ug/kg	0	0.5
Bromomethane	RI/FS	112130	477309.74	1348528.82	62	UJ	ug/kg	8200000	ug/kg	2	4
Bromomethane	RI/FS	112145	477309.74	1348528.82	68	U	ug/kg	8200000	ug/kg	13	15
Bromomethane	RI/FS	112167	477395.53	1348495.36	68	UJ	ug/kg	8200000	ug/kg	8	10
Bromomethane	RI/FS	112157	477309.74	1348528.82	1500	U	ug/kg	8200000	ug/kg	24	26
Cadmium	UNKNOWN	067155	477346.84	1348570.61	0.47	UJ	mg/kg	82	mg/kg	18	19.5
Cadmium	UNKNOWN	067193	477269.05	1348361.98	0.47	UJ	mg/kg	82	mg/kg	4.5	6
Cadmium	RI/FS	112241	477170.36	1348501.23	0.47	U	mg/kg	82	mg/kg	0	0.5
Cadmium	RI/FS	112130	477309.74	1348528.82	0.49	U	mg/kg	82	mg/kg	2	4
Cadmium	UNKNOWN	067173	477272.52	1348486.90	0.5	UJ	mg/kg	82	mg/kg	13.5	15
Cadmium	UNKNOWN	067505	477443.68	1348419.22	0.5	U	mg/kg	82	mg/kg	6	7.5
Cadmium	RI/FS	112092	477270.90	1348424.39	0.5	U	mg/kg	82	mg/kg	2	4
Cadmium	UNKNOWN	067503	477443.68	1348419.22	0.51	U	mg/kg	82	mg/kg	1.5	3
Cadmium	UNKNOWN	067167	477272.52	1348486.90	0.52	UJ	mg/kg	82	mg/kg	4.5	6
Cadmium	UNKNOWN	067201	477269.05	1348361.98	0.52	UJ	mg/kg	82	mg/kg	16	17.5
Cadmium	RI/FS	112249	477353.66	1348669.64	0.52	U	mg/kg	82	mg/kg	0	0.5
Cadmium	UNKNOWN	067149	477346.84	1348570.61	0.56	UJ	mg/kg	82	mg/kg	9	10.5
Cadmium	RI/FS	112091	477270.90	1348424.39	0.56	-	mg/kg	82	mg/kg	0	1.5
Cadmium	RI/FS	112145	477309.74	1348528.82	0.57	U	mg/kg	82	mg/kg	13	15
Cadmium	RI/FS	112129	477309.74	1348528.82	0.58	-	mg/kg	82	mg/kg	0	2
Cadmium	RI/FS	112251	477414.67	1348588.29	0.6	-	mg/kg	82	mg/kg	0	0.5
Cadmium	RI/FS	112248	477224.32	1348641.68	0.74	-	mg/kg	82	mg/kg	0	0.5
Cadmium	RI/FS	112117	477270.90	1348424.39	0.79	-	mg/kg	82	mg/kg	20	22
Cadmium	RI/FS	112157	477309.74	1348528.82	0.8	-	mg/kg	82	mg/kg	24	26
Cadmium	RI/FS	112126	477270.90	1348424.39	0.92	-	mg/kg	82	mg/kg	29.5	31.5
Cadmium	RI/FS	112181	477395.53	1348495.36	0.96	U	mg/kg	82	mg/kg	19	21
Cadmium	RI/FS	112123	477270.90	1348424.39	0.98	-	mg/kg	82	mg/kg	25.5	27.5
Cadmium	RI/FS	112252	477251.96	1348341.16	1.1	U	mg/kg	82	mg/kg	0	0.5
Cadmium	RI/FS	112153	477309.74	1348528.82	1.2	-	mg/kg	82	mg/kg	20	22
Cadmium	RI/FS	112180	477395.53	1348495.36	1.2	U	mg/kg	82	mg/kg	17	19
Cadmium	RI/FS	112254	477229.95	1348473.97	1.2	U	mg/kg	82	mg/kg	0	0.5

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**APPENDIX A
VALIDATED BELOW-FRL DATA**

Parameter	Sampling Program	Sample ID	Northing	Easting	Result	Qualifier	Units	FRL	Units	Top Depth	Bottom Depth
Cadmium	RI/FS	112257	477312.86	1348636.13	1.2	U	mg/kg	82	mg/kg	0	0.5
Cadmium	UNKNOWN	067218	477269.05	1348361.98	1.3	J	mg/kg	82	mg/kg	41.5	43
Cadmium	RI/FS	112160	477395.53	1348495.36	1.3	U	mg/kg	82	mg/kg	0	2
Cadmium	RI/FS	112161	477395.53	1348495.36	1.3	U	mg/kg	82	mg/kg	2	4
Cadmium	RI/FS	112255	477265.40	1348609.79	1.3	U	mg/kg	82	mg/kg	0	0.5
Cadmium	RI/FS	112258	477384.73	1348571.91	1.3	U	mg/kg	82	mg/kg	0	0.5
Cadmium	RI/FS	112167	477395.53	1348495.36	1.4	U	mg/kg	82	mg/kg	8	10
Cadmium	RI/FS	112264	477204.08	1348281.83	1.4	U	mg/kg	82	mg/kg	0	0.5
Cadmium	RI/FS	112259	477350.83	1348368.24	1.5	U	mg/kg	82	mg/kg	0	0.5
Cadmium	CIS	PS-25-009	477032.62	1348465.24	3.2	-	mg/kg	82	mg/kg		
Cadmium	UNKNOWN	067506	477443.68	1348419.22	5.1	J	mg/kg	82	mg/kg	9.5	12
Cadmium	UNKNOWN	067184	477272.52	1348486.90	5.2	J	mg/kg	82	mg/kg	29	30.5
Carbazole	RI/FS	112126	477270.90	1348424.39	370	U	ug/kg	12000	ug/kg	29.5	31.5
Carbazole	RI/FS	112123	477270.90	1348424.39	380	U	ug/kg	12000	ug/kg	25.5	27.5
Carbazole	RI/FS	112153	477309.74	1348528.82	390	U	ug/kg	12000	ug/kg	20	22
Carbazole	RI/FS	112092	477270.90	1348424.39	400	U	ug/kg	12000	ug/kg	2	4
Carbazole	RI/FS	112241	477170.36	1348501.23	400	U	ug/kg	12000	ug/kg	0	0.5
Carbazole	RI/FS	112091	477270.90	1348424.39	410	U	ug/kg	12000	ug/kg	0	1.5
Carbazole	RI/FS	112129	477309.74	1348528.82	410	U	ug/kg	12000	ug/kg	0	2
Carbazole	RI/FS	112130	477309.74	1348528.82	410	U	ug/kg	12000	ug/kg	2	4
Carbazole	RI/FS	112157	477309.74	1348528.82	410	U	ug/kg	12000	ug/kg	24	26
Carbazole	RI/FS	112161	477395.53	1348495.36	420	U	ug/kg	12000	ug/kg	2	4
Carbazole	RI/FS	112181	477395.53	1348495.36	420	U	ug/kg	12000	ug/kg	19	21
Carbazole	RI/FS	112180	477395.53	1348495.36	430	U	ug/kg	12000	ug/kg	17	19
Carbazole	RI/FS	112160	477395.53	1348495.36	440	U	ug/kg	12000	ug/kg	0	2
Carbazole	RI/FS	112167	477395.53	1348495.36	440	U	ug/kg	12000	ug/kg	8	10
Carbazole	RI/FS	112248	477224.32	1348641.68	440	U	ug/kg	12000	ug/kg	0	0.5
Carbazole	RI/FS	112252	477251.96	1348341.16	440	U	ug/kg	12000	ug/kg	0	0.5
Carbazole	RI/FS	112258	477384.73	1348571.91	440	U	ug/kg	12000	ug/kg	0	0.5
Carbazole	RI/FS	112117	477270.90	1348424.39	450	U	ug/kg	12000	ug/kg	20	22
Carbazole	RI/FS	112145	477309.74	1348528.82	450	U	ug/kg	12000	ug/kg	13	15
Carbazole	RI/FS	112249	477353.66	1348669.64	450	U	ug/kg	12000	ug/kg	0	0.5
Carbazole	RI/FS	112257	477312.86	1348636.13	450	U	ug/kg	12000	ug/kg	0	0.5
Carbazole	RI/FS	112255	477265.40	1348609.79	460	U	ug/kg	12000	ug/kg	0	0.5
Carbazole	RI/FS	112251	477414.67	1348588.29	480	U	ug/kg	12000	ug/kg	0	0.5

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**APPENDIX A
VALIDATED BELOW-FRL DATA**

Parameter	Sampling Program	Sample ID	Northing	Easting	Result	Qualifier	Units	FRL	Units	Top Depth	Bottom Depth
Carbazole	RI/FS	112254	477229.95	1348473.97	490	U	ug/kg	12000	ug/kg	0	0.5
Carbazole	RI/FS	112264	477204.08	1348281.83	490	U	ug/kg	12000	ug/kg	0	0.5
Cesium-137	RI/FS	112126	477270.90	1348424.39	0.0623	UJ	pCi/g	1.4	pCi/g	29.5	31.5
Cesium-137	CIS	SL-25-016	477033.13	1348464.76	0.0668	U	pCi/g	1.4	pCi/g	0.17	0.5
Cesium-137	RI/FS	112249	477353.66	1348669.64	0.0721	J	pCi/g	1.4	pCi/g	0	0.5
Cesium-137	RI/FS	112160	477395.53	1348495.36	0.08	UJ	pCi/g	1.4	pCi/g	0	2
Cesium-137	RI/FS	112180	477395.53	1348495.36	0.08	UJ	pCi/g	1.4	pCi/g	17	19
Cesium-137	RI/FS	112145	477309.74	1348528.82	0.0801	UJ	pCi/g	1.4	pCi/g	13	15
Cesium-137	RI/FS	112092	477270.90	1348424.39	0.0821	UJ	pCi/g	1.4	pCi/g	2	4
Cesium-137	RI/FS	112255	477265.40	1348609.79	0.0829	UJ	pCi/g	1.4	pCi/g	0	0.5
Cesium-137	RI/FS	112157	477309.74	1348528.82	0.084	UJ	pCi/g	1.4	pCi/g	24	26
Cesium-137	RI/FS	112258	477384.73	1348571.91	0.088	UJ	pCi/g	1.4	pCi/g	0	0.5
Cesium-137	RI/FS	112129	477309.74	1348528.82	0.0899	UJ	pCi/g	1.4	pCi/g	0	2
Cesium-137	RI/FS	112254	477229.95	1348473.97	0.09	UJ	pCi/g	1.4	pCi/g	0	0.5
Cesium-137	RI/FS	112117	477270.90	1348424.39	0.0982	UJ	pCi/g	1.4	pCi/g	20	22
Cesium-137	RI/FS	112153	477309.74	1348528.82	0.0993	UJ	pCi/g	1.4	pCi/g	20	22
Cesium-137	UNKNOWN	067200	477269.05	1348361.98	0.1	UJ	pCi/g	1.4	pCi/g	14.5	16
Cesium-137	RI/FS	112167	477395.53	1348495.36	0.1	UJ	pCi/g	1.4	pCi/g	8	10
Cesium-137	RI/FS	112181	477395.53	1348495.36	0.1	UJ	pCi/g	1.4	pCi/g	19	21
Cesium-137	RI/FS	112123	477270.90	1348424.39	0.104	UJ	pCi/g	1.4	pCi/g	25.5	27.5
Cesium-137	RI/FS	112259	477350.83	1348368.24	0.107	UJ	pCi/g	1.4	pCi/g	0	0.5
Cesium-137	RI/FS	112257	477312.86	1348636.13	0.109	UJ	pCi/g	1.4	pCi/g	0	0.5
Cesium-137	RI/FS	112252	477251.96	1348341.16	0.11	UJ	pCi/g	1.4	pCi/g	0	0.5
Cesium-137	RI/FS	112091	477270.90	1348424.39	0.115	UJ	pCi/g	1.4	pCi/g	0	1.5
Cesium-137	RI/FS	112130	477309.74	1348528.82	0.116	UJ	pCi/g	1.4	pCi/g	2	4
Cesium-137	RI/FS	112161	477395.53	1348495.36	0.12	UJ	pCi/g	1.4	pCi/g	2	4
Cesium-137	RI/FS	112264	477204.08	1348281.83	0.122	UJ	pCi/g	1.4	pCi/g	0	0.5
Cesium-137	RI/FS	112251	477414.67	1348588.29	0.171	J	pCi/g	1.4	pCi/g	0	0.5
Cesium-137	UNKNOWN	007207	477164.10	1348282.64	0.2	UJ	pCi/g	1.4	pCi/g	7.5	9
Cesium-137	UNKNOWN	007217	477506.81	1348408.24	0.2	UJ	pCi/g	1.4	pCi/g	1.5	3
Cesium-137	UNKNOWN	007220	477506.81	1348408.24	0.2	UJ	pCi/g	1.4	pCi/g	1.5	3
Cesium-137	UNKNOWN	007280	477049.86	1348603.06	0.2	UJ	pCi/g	1.4	pCi/g	0	1.5
Cesium-137	UNKNOWN	007293	477049.86	1348603.06	0.2	UJ	pCi/g	1.4	pCi/g	40	41.5
Cesium-137	UNKNOWN	008948	477159.31	1348291.63	0.2	UJ	pCi/g	1.4	pCi/g	35	36.5
Cesium-137	UNKNOWN	032609	477168.80	1348273.00	0.2	UJ	pCi/g	1.4	pCi/g	105	106.5

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**APPENDIX A
VALIDATED BELOW-FRL DATA**

Parameter	Sampling Program	Sample ID	Northing	Easting	Result	Qualifier	Units	FRL	Units	Top Depth	Bottom Depth
Cesium-137	UNKNOWN	067146	477346.84	1348570.61	0.2	U	pCi/g	1.4	pCi/g	4.5	6
Cesium-137	UNKNOWN	067148	477346.84	1348570.61	0.2	UJ	pCi/g	1.4	pCi/g	7.5	9
Cesium-137	UNKNOWN	067153	477346.84	1348570.61	0.2	U	pCi/g	1.4	pCi/g	15	16.5
Cesium-137	UNKNOWN	067154	477346.84	1348570.61	0.2	UJ	pCi/g	1.4	pCi/g	16.5	18
Cesium-137	UNKNOWN	067156	477346.84	1348570.61	0.2	UJ	pCi/g	1.4	pCi/g	19.5	21
Cesium-137	UNKNOWN	067166	477272.52	1348486.90	0.2	UJ	pCi/g	1.4	pCi/g	3	4.5
Cesium-137	UNKNOWN	067172	477272.52	1348486.90	0.2	UJ	pCi/g	1.4	pCi/g	12	13.5
Cesium-137	UNKNOWN	067182	477272.52	1348486.90	0.2	UJ	pCi/g	1.4	pCi/g	26	27.5
Cesium-137	UNKNOWN	067192	477269.05	1348361.98	0.2	UJ	pCi/g	1.4	pCi/g	3	4.5
Cesium-137	UNKNOWN	067217	477269.05	1348361.98	0.2	UJ	pCi/g	1.4	pCi/g	40	41.5
Cesium-137	UNKNOWN	067503	477443.68	1348419.22	0.2	UJ	pCi/g	1.4	pCi/g	1.5	3
Cesium-137	UNKNOWN	067505	477443.68	1348419.22	0.2	UJ	pCi/g	1.4	pCi/g	6	7.5
Cesium-137	UNKNOWN	067506	477443.68	1348419.22	0.2	UJ	pCi/g	1.4	pCi/g	9.5	12
Cesium-137	RI/FS	112248	477224.32	1348641.68	0.459	-	pCi/g	1.4	pCi/g	0	0.5
Cesium-137	RI/FS	112241	477170.36	1348501.23	0.9187	-	pCi/g	1.4	pCi/g	0	0.5
Chlorobenzene	UNKNOWN	067155	477346.84	1348570.61	6	U	ug/kg	340000	ug/kg	18	19.5
Chlorobenzene	UNKNOWN	067184	477272.52	1348486.90	6	U	ug/kg	340000	ug/kg	29	30.5
Chlorobenzene	UNKNOWN	067218	477269.05	1348361.98	6	U	ug/kg	340000	ug/kg	41.5	43
Chlorobenzene	UNKNOWN	067506	477443.68	1348419.22	6	U	ug/kg	340000	ug/kg	9.5	12
Chlorobenzene	RI/FS	112126	477270.90	1348424.39	11	UJ	ug/kg	340000	ug/kg	29.5	31.5
Chlorobenzene	RI/FS	112153	477309.74	1348528.82	12	U	ug/kg	340000	ug/kg	20	22
Chlorobenzene	RI/FS	112241	477170.36	1348501.23	12	UJ	ug/kg	340000	ug/kg	0	0.5
Chlorobenzene	RI/FS	112092	477270.90	1348424.39	13	UJ	ug/kg	340000	ug/kg	2	4
Chlorobenzene	RI/FS	112123	477270.90	1348424.39	13	UJ	ug/kg	340000	ug/kg	25.5	27.5
Chlorobenzene	RI/FS	112180	477395.53	1348495.36	13	U	ug/kg	340000	ug/kg	17	19
Chlorobenzene	RI/FS	112181	477395.53	1348495.36	13	U	ug/kg	340000	ug/kg	19	21
Chlorobenzene	RI/FS	112117	477270.90	1348424.39	14	UJ	ug/kg	340000	ug/kg	20	22
Chlorobenzene	RI/FS	112248	477224.32	1348641.68	14	UJ	ug/kg	340000	ug/kg	0.5	0.5
Chlorobenzene	RI/FS	112249	477353.66	1348669.64	14	UJ	ug/kg	340000	ug/kg	0.5	0.5
Chlorobenzene	RI/FS	112264	477204.08	1348281.83	14	UJ	ug/kg	340000	ug/kg	0	0.5
Chlorobenzene	RI/FS	112251	477414.67	1348588.29	15	UJ	ug/kg	340000	ug/kg	0	0.5
Chlorobenzene	RI/FS	112130	477309.74	1348528.82	62	UJ	ug/kg	340000	ug/kg	2	4
Chlorobenzene	RI/FS	112157	477309.74	1348528.82	1500	U	ug/kg	340000	ug/kg	24	26
Chloroform	UNKNOWN	067155	477346.84	1348570.61	6	U	ug/kg	45000	ug/kg	18	19.5
Chloroform	UNKNOWN	067184	477272.52	1348486.90	6	U	ug/kg	45000	ug/kg	29	30.5

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**APPENDIX A
VALIDATED BELOW-FRL DATA**

Parameter	Sampling Program	Sample ID	Northing	Easting	Result	Qualifier	Units	FRL	Units	Top Depth	Bottom Depth
Chloroform	UNKNOWN	067193	477269.05	1348361.98	6	UJ	ug/kg	45000	ug/kg	4.5	6
Chloroform	UNKNOWN	067218	477269.05	1348361.98	6	U	ug/kg	45000	ug/kg	41.5	43
Chloroform	UNKNOWN	067506	477443.68	1348419.22	6	U	ug/kg	45000	ug/kg	9.5	12
Chloroform	UNKNOWN	067149	477346.84	1348570.61	7	UJ	ug/kg	45000	ug/kg	9	10.5
Chloroform	UNKNOWN	067201	477269.05	1348361.98	7	UJ	ug/kg	45000	ug/kg	16	17.5
Chloroform	RI/FS	112126	477270.90	1348424.39	11	UJ	ug/kg	45000	ug/kg	29.5	31.5
Chloroform	RI/FS	112153	477309.74	1348528.82	12	U	ug/kg	45000	ug/kg	20	22
Chloroform	RI/FS	112241	477170.36	1348501.23	12	U	ug/kg	45000	ug/kg	0	0.5
Chloroform	RI/FS	112091	477270.90	1348424.39	13	UJ	ug/kg	45000	ug/kg	0	1.5
Chloroform	RI/FS	112092	477270.90	1348424.39	13	UJ	ug/kg	45000	ug/kg	2	4
Chloroform	RI/FS	112123	477270.90	1348424.39	13	UJ	ug/kg	45000	ug/kg	25.5	27.5
Chloroform	RI/FS	112160	477395.53	1348495.36	13	UJ	ug/kg	45000	ug/kg	0	2
Chloroform	RI/FS	112161	477395.53	1348495.36	13	UJ	ug/kg	45000	ug/kg	2	4
Chloroform	RI/FS	112180	477395.53	1348495.36	13	U	ug/kg	45000	ug/kg	17	19
Chloroform	RI/FS	112181	477395.53	1348495.36	13	U	ug/kg	45000	ug/kg	19	21
Chloroform	RI/FS	112252	477251.96	1348341.16	13	U	ug/kg	45000	ug/kg	0	0.5
Chloroform	RI/FS	112257	477312.86	1348636.13	13	UJ	ug/kg	45000	ug/kg	0	0.5
Chloroform	RI/FS	112258	477384.73	1348571.91	13	U	ug/kg	45000	ug/kg	0	0.5
Chloroform	RI/FS	112117	477270.90	1348424.39	14	UJ	ug/kg	45000	ug/kg	20	22
Chloroform	RI/FS	112248	477224.32	1348641.68	14	UJ	ug/kg	45000	ug/kg	0	0.5
Chloroform	RI/FS	112249	477353.66	1348669.64	14	U	ug/kg	45000	ug/kg	0	0.5
Chloroform	RI/FS	112254	477229.95	1348473.97	14	U	ug/kg	45000	ug/kg	0	0.5
Chloroform	RI/FS	112255	477265.40	1348609.79	14	U	ug/kg	45000	ug/kg	0	0.5
Chloroform	RI/FS	112264	477204.08	1348281.83	14	U	ug/kg	45000	ug/kg	0	0.5
Chloroform	RI/FS	112251	477414.67	1348588.29	15	U	ug/kg	45000	ug/kg	0	0.5
Chloroform	RI/FS	112259	477350.83	1348368.24	15	UJ	ug/kg	45000	ug/kg	0	0.5
Chloroform	RI/FS	112130	477309.74	1348528.82	62	UJ	ug/kg	45000	ug/kg	2	4
Chloroform	RI/FS	112167	477395.53	1348495.36	68	U	ug/kg	45000	ug/kg	8	10
Chloroform	RI/FS	112157	477309.74	1348528.82	1500	U	ug/kg	45000	ug/kg	24	26
Chromium	UNKNOWN	067505	477443.68	1348419.22	4.4	-	mg/kg	300	mg/kg	6	7.5
Chromium	RI/FS	112264	477204.08	1348281.83	6.9	J	mg/kg	300	mg/kg	0	0.5
Chromium	UNKNOWN	067193	477269.05	1348361.98	7.2	-	mg/kg	300	mg/kg	4.5	6
Chromium	UNKNOWN	067503	477443.68	1348419.22	7.8	-	mg/kg	300	mg/kg	1.5	3
Chromium	RI/FS	112161	477395.53	1348495.36	8.4	J	mg/kg	300	mg/kg	2	4
Chromium	RI/FS	112249	477353.66	1348669.64	9	-	mg/kg	300	mg/kg	0	0.5

**APPENDIX A
VALIDATED BELOW-FRL DATA**

Parameter	Sampling Program	Sample ID	Northing	Easting	Result	Qualifier	Units	FRL	Units	Top Depth	Bottom Depth
Chromium	RI/FS	112252	477251.96	1348341.16	9.3	J	mg/kg	300	mg/kg	0	0.5
Chromium	RI/FS	112145	477309.74	1348528.82	9.4	-	mg/kg	300	mg/kg	13	15
Chromium	RI/FS	112130	477309.74	1348528.82	9.8	-	mg/kg	300	mg/kg	2	4
Chromium	RI/FS	112167	477395.53	1348495.36	9.8	J	mg/kg	300	mg/kg	8	10
Chromium	RI/FS	112126	477270.90	1348424.39	11	-	mg/kg	300	mg/kg	29.5	31.5
Chromium	RI/FS	112259	477350.83	1348368.24	11.3	J	mg/kg	300	mg/kg	0	0.5
Chromium	UNKNOWN	067167	477272.52	1348486.90	11.6	-	mg/kg	300	mg/kg	4.5	6
Chromium	UNKNOWN	067201	477269.05	1348361.98	11.6	-	mg/kg	300	mg/kg	16	17.5
Chromium	RI/FS	112092	477270.90	1348424.39	11.6	-	mg/kg	300	mg/kg	2	4
Chromium	RI/FS	112251	477414.67	1348588.29	11.6	-	mg/kg	300	mg/kg	0	0.5
Chromium	UNKNOWN	067173	477272.52	1348486.90	12.1	-	mg/kg	300	mg/kg	13.5	15
Chromium	RI/FS	112157	477309.74	1348528.82	12.2	-	mg/kg	300	mg/kg	24	26
Chromium	RI/FS	112257	477312.86	1348636.13	12.4	J	mg/kg	300	mg/kg	0	0.5
Chromium	RI/FS	112258	477384.73	1348571.91	12.5	J	mg/kg	300	mg/kg	0	0.5
Chromium	RI/FS	112254	477229.95	1348473.97	12.7	J	mg/kg	300	mg/kg	0	0.5
Chromium	RI/FS	112241	477170.36	1348501.23	13	-	mg/kg	300	mg/kg	0	0.5
Chromium	CIS	PS-25-009	477032.62	1348465.24	13	-	mg/kg	300	mg/kg		
Chromium	RI/FS	112248	477224.32	1348641.68	13.4	-	mg/kg	300	mg/kg	0	0.5
Chromium	RI/FS	112255	477265.40	1348609.79	14	J	mg/kg	300	mg/kg	0	0.5
Chromium	RI/FS	112129	477309.74	1348528.82	14.1	-	mg/kg	300	mg/kg	0	2
Chromium	RI/FS	112160	477395.53	1348495.36	15	J	mg/kg	300	mg/kg	0	2
Chromium	RI/FS	112117	477270.90	1348424.39	15.1	-	mg/kg	300	mg/kg	20	22
Chromium	RI/FS	112091	477270.90	1348424.39	15.4	-	mg/kg	300	mg/kg	0	1.5
Chromium	RI/FS	112123	477270.90	1348424.39	15.8	-	mg/kg	300	mg/kg	25.5	27.5
Chromium	UNKNOWN	067149	477346.84	1348570.61	17	-	mg/kg	300	mg/kg	9	10.5
Chromium	UNKNOWN	067506	477443.68	1348419.22	17.4	-	mg/kg	300	mg/kg	9.5	12
Chromium	UNKNOWN	067218	477269.05	1348361.98	17.6	-	mg/kg	300	mg/kg	41.5	43
Chromium	RI/FS	112153	477309.74	1348528.82	19.9	-	mg/kg	300	mg/kg	20	22
Chromium	RI/FS	112180	477395.53	1348495.36	23.2	J	mg/kg	300	mg/kg	17	19
Chromium	UNKNOWN	067155	477346.84	1348570.61	25.8	-	mg/kg	300	mg/kg	18	19.5
Chromium	RI/FS	112181	477395.53	1348495.36	26.1	J	mg/kg	300	mg/kg	19	21
Chromium	UNKNOWN	067184	477272.52	1348486.90	26.8	-	mg/kg	300	mg/kg	29	30.5
Chrysene	RI/FS	112264	477204.08	1348281.83	69	J	ug/kg	2000000	ug/kg	0	0.5
Chrysene	RI/FS	112251	477414.67	1348588.29	72	J	ug/kg	2000000	ug/kg	0	0.5
Chrysene	RI/FS	112249	477353.66	1348669.64	150	J	ug/kg	2000000	ug/kg	0	0.5

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**APPENDIX A
VALIDATED BELOW-FRL DATA**

Parameter	Sampling Program	Sample ID	Northing	Easting	Result	Qualifier	Units	FRL	Units	Top Depth	Bottom Depth
Chrysene	RI/FS	112126	477270.90	1348424.39	370	U	ug/kg	2000000	ug/kg	29.5	31.5
Chrysene	RI/FS	112123	477270.90	1348424.39	380	U	ug/kg	2000000	ug/kg	25.5	27.5
Chrysene	UNKNOWN	067184	477272.52	1348486.90	390	U	ug/kg	2000000	ug/kg	29	30.5
Chrysene	RI/FS	112153	477309.74	1348528.82	390	U	ug/kg	2000000	ug/kg	20	22
Chrysene	UNKNOWN	067218	477269.05	1348361.98	400	U	ug/kg	2000000	ug/kg	41.5	43
Chrysene	RI/FS	112092	477270.90	1348424.39	400	U	ug/kg	2000000	ug/kg	2	4
Chrysene	RI/FS	112241	477170.36	1348501.23	400	U	ug/kg	2000000	ug/kg	0	0.5
Chrysene	UNKNOWN	067193	477269.05	1348361.98	410	U	ug/kg	2000000	ug/kg	4.5	6
Chrysene	UNKNOWN	067506	477443.68	1348419.22	410	U	ug/kg	2000000	ug/kg	9.5	12
Chrysene	RI/FS	112091	477270.90	1348424.39	410	U	ug/kg	2000000	ug/kg	0	1.5
Chrysene	RI/FS	112129	477309.74	1348528.82	410	U	ug/kg	2000000	ug/kg	0	2
Chrysene	RI/FS	112130	477309.74	1348528.82	410	U	ug/kg	2000000	ug/kg	2	4
Chrysene	RI/FS	112157	477309.74	1348528.82	410	U	ug/kg	2000000	ug/kg	24	26
Chrysene	UNKNOWN	067155	477346.84	1348570.61	420	UJ	ug/kg	2000000	ug/kg	18	19.5
Chrysene	UNKNOWN	067505	477443.68	1348419.22	420	U	ug/kg	2000000	ug/kg	6	7.5
Chrysene	UNKNOWN	067711	477250.80	1348484.51	420	U	ug/kg	2000000	ug/kg	13.5	15
Chrysene	RI/FS	112161	477395.53	1348495.36	420	U	ug/kg	2000000	ug/kg	2	4
Chrysene	RI/FS	112181	477395.53	1348495.36	420	U	ug/kg	2000000	ug/kg	19	21
Chrysene	UNKNOWN	067173	477272.52	1348486.90	430	U	ug/kg	2000000	ug/kg	13.5	15
Chrysene	UNKNOWN	067503	477443.68	1348419.22	430	U	ug/kg	2000000	ug/kg	1.5	3
Chrysene	UNKNOWN	067706	477250.80	1348484.51	430	U	ug/kg	2000000	ug/kg	6	7.5
Chrysene	RI/FS	112180	477395.53	1348495.36	430	U	ug/kg	2000000	ug/kg	17	19
Chrysene	RI/FS	112160	477395.53	1348495.36	440	U	ug/kg	2000000	ug/kg	0	2
Chrysene	RI/FS	112167	477395.53	1348495.36	440	U	ug/kg	2000000	ug/kg	8	10
Chrysene	RI/FS	112248	477224.32	1348641.68	440	U	ug/kg	2000000	ug/kg	0	0.5
Chrysene	RI/FS	112252	477251.96	1348341.16	440	U	ug/kg	2000000	ug/kg	0	0.5
Chrysene	RI/FS	112258	477384.73	1348571.91	440	U	ug/kg	2000000	ug/kg	0	0.5
Chrysene	UNKNOWN	067167	477272.52	1348486.90	450	U	ug/kg	2000000	ug/kg	4.5	6
Chrysene	UNKNOWN	067201	477269.05	1348361.98	450	U	ug/kg	2000000	ug/kg	16	17.5
Chrysene	RI/FS	112117	477270.90	1348424.39	450	U	ug/kg	2000000	ug/kg	20	22
Chrysene	RI/FS	112145	477309.74	1348528.82	450	U	ug/kg	2000000	ug/kg	13	15
Chrysene	RI/FS	112257	477312.86	1348636.13	450	U	ug/kg	2000000	ug/kg	0	0.5
Chrysene	RI/FS	112255	477265.40	1348609.79	460	U	ug/kg	2000000	ug/kg	0	0.5
Chrysene	RI/FS	112254	477229.95	1348473.97	490	U	ug/kg	2000000	ug/kg	0	0.5
Chrysene	UNKNOWN	067149	477346.84	1348570.61	500	UJ	ug/kg	2000000	ug/kg	9	10.5

**APPENDIX A
VALIDATED BELOW-FRL DATA**

Parameter	Sampling Program	Sample ID	Northing	Easting	Result	Qualifier	Units	FRL	Units	Top Depth	Bottom Depth
Cobalt	UNKNOWN	067505	477443.68	1348419.22	2.5	U	mg/kg	740	mg/kg	6	7.5
Cobalt	UNKNOWN	067193	477269.05	1348361.98	5	-	mg/kg	740	mg/kg	4.5	6
Cobalt	UNKNOWN	067506	477443.68	1348419.22	6.1	J	mg/kg	740	mg/kg	9.5	12
Cobalt	RI/FS	112126	477270.90	1348424.39	7	-	mg/kg	740	mg/kg	29.5	31.5
Cobalt	RI/FS	112264	477204.08	1348281.83	8.9	-	mg/kg	740	mg/kg	0	0.5
Cobalt	CIS	PS-25-009	477032.62	1348465.24	9.5	-	mg/kg	740	mg/kg		
Cobalt	UNKNOWN	067184	477272.52	1348486.90	9.6	J	mg/kg	740	mg/kg	29	30.5
Cobalt	RI/FS	112157	477309.74	1348528.82	9.7	-	mg/kg	740	mg/kg	24	26
Cobalt	RI/FS	112123	477270.90	1348424.39	9.8	-	mg/kg	740	mg/kg	25.5	27.5
Cobalt	UNKNOWN	067218	477269.05	1348361.98	10.2	-	mg/kg	740	mg/kg	41.5	43
Cobalt	RI/FS	112248	477224.32	1348641.68	10.2	-	mg/kg	740	mg/kg	0	0.5
Cobalt	RI/FS	112241	477170.36	1348501.23	10.3	-	mg/kg	740	mg/kg	0	0.5
Cobalt	RI/FS	112181	477395.53	1348495.36	10.4	-	mg/kg	740	mg/kg	19	21
Cobalt	RI/FS	112249	477353.66	1348669.64	10.6	-	mg/kg	740	mg/kg	0	0.5
Cobalt	RI/FS	112167	477395.53	1348495.36	10.7	-	mg/kg	740	mg/kg	8	10
Cobalt	UNKNOWN	067503	477443.68	1348419.22	10.9	-	mg/kg	740	mg/kg	1.5	3
Cobalt	UNKNOWN	067149	477346.84	1348570.61	11.5	-	mg/kg	740	mg/kg	9	10.5
Cobalt	RI/FS	112161	477395.53	1348495.36	11.6	-	mg/kg	740	mg/kg	2	4
Cobalt	RI/FS	112092	477270.90	1348424.39	11.8	-	mg/kg	740	mg/kg	2	4
Cobalt	UNKNOWN	067201	477269.05	1348361.98	12	-	mg/kg	740	mg/kg	16	17.5
Cobalt	RI/FS	112153	477309.74	1348528.82	12.2	-	mg/kg	740	mg/kg	20	22
Cobalt	RI/FS	112145	477309.74	1348528.82	12.8	-	mg/kg	740	mg/kg	13	15
Cobalt	RI/FS	112180	477395.53	1348495.36	13.7	-	mg/kg	740	mg/kg	17	19
Cobalt	UNKNOWN	067167	477272.52	1348486.90	14.3	-	mg/kg	740	mg/kg	4.5	6
Cobalt	RI/FS	112251	477414.67	1348588.29	14.9	-	mg/kg	740	mg/kg	0	0.5
Cobalt	RI/FS	112117	477270.90	1348424.39	16.3	-	mg/kg	740	mg/kg	20	22
Cobalt	RI/FS	112252	477251.96	1348341.16	16.3	-	mg/kg	740	mg/kg	0	0.5
Cobalt	RI/FS	112254	477229.95	1348473.97	16.5	-	mg/kg	740	mg/kg	0	0.5
Cobalt	RI/FS	112257	477312.86	1348636.13	17.2	-	mg/kg	740	mg/kg	0	0.5
Cobalt	RI/FS	112259	477350.83	1348368.24	18.1	-	mg/kg	740	mg/kg	0	0.5
Cobalt	UNKNOWN	067155	477346.84	1348570.61	18.2	-	mg/kg	740	mg/kg	18	19.5
Cobalt	UNKNOWN	067173	477272.52	1348486.90	18.8	-	mg/kg	740	mg/kg	13.5	15
Cobalt	RI/FS	112258	477384.73	1348571.91	19.4	-	mg/kg	740	mg/kg	0	0.5
Cobalt	RI/FS	112255	477265.40	1348609.79	19.9	-	mg/kg	740	mg/kg	0	0.5
Cobalt	RI/FS	112091	477270.90	1348424.39	21.1	-	mg/kg	740	mg/kg	0	1.5

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**APPENDIX A
VALIDATED BELOW-FRL DATA**

Parameter	Sampling Program	Sample ID	Northing	Easting	Result	Qualifier	Units	FRL	Units	Top Depth	Bottom Depth
Cobalt	RI/FS	112130	477309.74	1348528.82	21.8	-	mg/kg	740	mg/kg	2	4
Cobalt	RI/FS	112129	477309.74	1348528.82	22.1	-	mg/kg	740	mg/kg	0	2
Cobalt	RI/FS	112160	477395.53	1348495.36	24.9	-	mg/kg	740	mg/kg	0	2
Copper	CIS	PS-25-009	477032.62	1348465.24	8.6	J	mg/kg	220000	mg/kg		
Copper	UNKNOWN	067506	477443.68	1348419.22	14.3	-	mg/kg	220000	mg/kg	9.5	12
Copper	RI/FS	112126	477270.90	1348424.39	14.9	J	mg/kg	220000	mg/kg	29.5	31.5
Copper	RI/FS	112157	477309.74	1348528.82	18.3	-	mg/kg	220000	mg/kg	24	26
Copper	UNKNOWN	067218	477269.05	1348361.98	19.1	-	mg/kg	220000	mg/kg	41.5	43
Copper	RI/FS	112123	477270.90	1348424.39	19.3	J	mg/kg	220000	mg/kg	25.5	27.5
Copper	RI/FS	112248	477224.32	1348641.68	19.9	-	mg/kg	220000	mg/kg	0	0.5
Copper	UNKNOWN	067184	477272.52	1348486.90	21.3	-	mg/kg	220000	mg/kg	29	30.5
Copper	RI/FS	112153	477309.74	1348528.82	22.3	-	mg/kg	220000	mg/kg	20	22
Copper	RI/FS	112180	477395.53	1348495.36	22.9	J	mg/kg	220000	mg/kg	17	19
Copper	RI/FS	112249	477353.66	1348669.64	23	-	mg/kg	220000	mg/kg	0	0.5
Copper	RI/FS	112241	477170.36	1348501.23	23.6	-	mg/kg	220000	mg/kg	0	0.5
Copper	UNKNOWN	067155	477346.84	1348570.61	24	-	mg/kg	220000	mg/kg	18	19.5
Copper	UNKNOWN	067505	477443.68	1348419.22	25.7	-	mg/kg	220000	mg/kg	6	7.5
Copper	RI/FS	112181	477395.53	1348495.36	32.3	J	mg/kg	220000	mg/kg	19	21
Copper	UNKNOWN	067193	477269.05	1348361.98	35.6	-	mg/kg	220000	mg/kg	4.5	6
Copper	UNKNOWN	067503	477443.68	1348419.22	39.3	-	mg/kg	220000	mg/kg	1.5	3
Copper	RI/FS	112161	477395.53	1348495.36	40	J	mg/kg	220000	mg/kg	2	4
Copper	RI/FS	112264	477204.08	1348281.83	40.7	J	mg/kg	220000	mg/kg	0	0.5
Copper	RI/FS	112251	477414.67	1348588.29	46	-	mg/kg	220000	mg/kg	0	0.5
Copper	RI/FS	112145	477309.74	1348528.82	46.8	-	mg/kg	220000	mg/kg	13	15
Copper	RI/FS	112092	477270.90	1348424.39	48.7	J	mg/kg	220000	mg/kg	2	4
Copper	RI/FS	112167	477395.53	1348495.36	50.8	J	mg/kg	220000	mg/kg	8	10
Copper	RI/FS	112130	477309.74	1348528.82	51.9	-	mg/kg	220000	mg/kg	2	4
Copper	UNKNOWN	067149	477346.84	1348570.61	57.2	-	mg/kg	220000	mg/kg	9	10.5
Copper	UNKNOWN	067201	477269.05	1348361.98	57.9	-	mg/kg	220000	mg/kg	16	17.5
Copper	UNKNOWN	067167	477272.52	1348486.90	59.4	-	mg/kg	220000	mg/kg	4.5	6
Copper	RI/FS	112117	477270.90	1348424.39	59.8	J	mg/kg	220000	mg/kg	20	22
Copper	RI/FS	112254	477229.95	1348473.97	64.5	J	mg/kg	220000	mg/kg	0	0.5
Copper	RI/FS	112258	477384.73	1348571.91	65.8	J	mg/kg	220000	mg/kg	0	0.5
Copper	UNKNOWN	067173	477272.52	1348486.90	66.1	-	mg/kg	220000	mg/kg	13.5	15
Copper	RI/FS	112259	477350.83	1348368.24	71.2	J	mg/kg	220000	mg/kg	0	0.5

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**APPENDIX A
VALIDATED BELOW-FRL DATA**

Parameter	Sampling Program	Sample ID	Northing	Easting	Result	Qualifier	Units	FRL	Units	Top Depth	Bottom Depth
Copper	RI/FS	112091	477270.90	1348424.39	72.6	J	mg/kg	220000	mg/kg	0	1.5
Copper	RI/FS	112129	477309.74	1348528.82	73.6	-	mg/kg	220000	mg/kg	0	2
Copper	RI/FS	112160	477395.53	1348495.36	81	J	mg/kg	220000	mg/kg	0	2
Copper	RI/FS	112252	477251.96	1348341.16	91.2	J	mg/kg	220000	mg/kg	0	0.5
Copper	RI/FS	112257	477312.86	1348636.13	92.4	J	mg/kg	220000	mg/kg	0	0.5
Copper	RI/FS	112255	477265.40	1348609.79	94	J	mg/kg	220000	mg/kg	0	0.5
Cyanide	RI/FS	112126	477270.90	1348424.39	0.11	U	mg/kg	120000	mg/kg	29.5	31.5
Cyanide	UNKNOWN	067155	477346.84	1348570.61	0.12	UJ	mg/kg	120000	mg/kg	18	19.5
Cyanide	UNKNOWN	067184	477272.52	1348486.90	0.12	U	mg/kg	120000	mg/kg	29	30.5
Cyanide	UNKNOWN	067218	477269.05	1348361.98	0.12	U	mg/kg	120000	mg/kg	41.5	43
Cyanide	UNKNOWN	067506	477443.68	1348419.22	0.12	U	mg/kg	120000	mg/kg	9.5	12
Cyanide	RI/FS	112123	477270.90	1348424.39	0.12	U	mg/kg	120000	mg/kg	25.5	27.5
Cyanide	RI/FS	112091	477270.90	1348424.39	0.13	U	mg/kg	120000	mg/kg	0	1.5
Cyanide	RI/FS	112092	477270.90	1348424.39	0.13	U	mg/kg	120000	mg/kg	2	4
Cyanide	RI/FS	112180	477395.53	1348495.36	0.13	U	mg/kg	120000	mg/kg	17	19
Cyanide	RI/FS	112181	477395.53	1348495.36	0.13	U	mg/kg	120000	mg/kg	19	21
Cyanide	UNKNOWN	067167	477272.52	1348486.90	0.14	U	mg/kg	120000	mg/kg	4.5	6
Cyanide	RI/FS	112117	477270.90	1348424.39	0.14	U	mg/kg	120000	mg/kg	20	22
Cyanide	UNKNOWN	067193	477269.05	1348361.98	0.17	J	mg/kg	120000	mg/kg	4.5	6
Cyanide	UNKNOWN	067201	477269.05	1348361.98	0.19	J	mg/kg	120000	mg/kg	16	17.5
Cyanide	RI/FS	112160	477395.53	1348495.36	0.19	-	mg/kg	120000	mg/kg	0	2
Cyanide	UNKNOWN	067505	477443.68	1348419.22	0.2	-	mg/kg	120000	mg/kg	6	7.5
Cyanide	RI/FS	112264	477204.08	1348281.83	0.22	-	mg/kg	120000	mg/kg	0	0.5
Cyanide	UNKNOWN	067173	477272.52	1348486.90	0.26	-	mg/kg	120000	mg/kg	13.5	15
Cyanide	RI/FS	112258	477384.73	1348571.91	0.27	-	mg/kg	120000	mg/kg	0	0.5
Cyanide	RI/FS	112252	477251.96	1348341.16	0.28	-	mg/kg	120000	mg/kg	0	0.5
Cyanide	RI/FS	112257	477312.86	1348636.13	0.28	-	mg/kg	120000	mg/kg	0	0.5
Cyanide	RI/FS	112259	477350.83	1348368.24	0.28	-	mg/kg	120000	mg/kg	0	0.5
Cyanide	RI/FS	112254	477229.95	1348473.97	0.32	-	mg/kg	120000	mg/kg	0	0.5
Cyanide	RI/FS	112167	477395.53	1348495.36	0.33	-	mg/kg	120000	mg/kg	8	10
Cyanide	RI/FS	112161	477395.53	1348495.36	0.34	-	mg/kg	120000	mg/kg	2	4
Cyanide	UNKNOWN	067503	477443.68	1348419.22	0.35	-	mg/kg	120000	mg/kg	1.5	3
Cyanide	RI/FS	112255	477265.40	1348609.79	0.47	-	mg/kg	120000	mg/kg	0	0.5
Cyanide	UNKNOWN	067223	477269.05	1348361.98	0.484	UJ	mg/kg	120000	mg/kg		
Cyanide	CIS	PS-25-009	477032.62	1348465.24	0.6	U	mg/kg	120000	mg/kg		

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**APPENDIX A
VALIDATED BELOW-FRL DATA**

Parameter	Sampling Program	Sample ID	Northing	Eastng	Result	Qualifier	Units	FRL	Units	Top Depth	Bottom Depth
Cyanide	UNKNOWN	067158	477346.84	1348570.61	0.613	-	mg/kg	120000	mg/kg		
Cyanide	UNKNOWN	067187	477272.52	1348486.90	0.624	U	mg/kg	120000	mg/kg		
Cyanide	UNKNOWN	067149	477346.84	1348570.61	0.69	J	mg/kg	120000	mg/kg	9	10.5
Dibenzo(a,h)anthracene	REMEDIAL ACTION	AFP-B-C-8-SP	477130.99	1348344.00	26	J	ug/kg	2000	ug/kg	1	1.5
Dibenzo(a,h)anthracene	REMEDIAL ACTION	AFP-B-C-11-SP-D	477106.99	1348444.00	84	U	ug/kg	2000	ug/kg	1	1.5
Dibenzo(a,h)anthracene	REMEDIAL ACTION	AFP-B-C-7-SP	477039.99	1348574.00	84	U	ug/kg	2000	ug/kg	1	1.5
Dibenzo(a,h)anthracene	REMEDIAL ACTION	AFP-B-C-11-SP	477106.99	1348444.00	85	U	ug/kg	2000	ug/kg	1	1.5
Dibenzo(a,h)anthracene	REMEDIAL ACTION	AFP-B-C-1-SP	477090.99	1348394.00	85	U	ug/kg	2000	ug/kg	1	1.5
Dibenzo(a,h)anthracene	REMEDIAL ACTION	AFP-B-C-3-SP	477085.99	1348436.00	86	U	ug/kg	2000	ug/kg	1	1.5
Dibenzo(a,h)anthracene	REMEDIAL ACTION	AFP-B-C-5-SP	477021.52	1348521.61	86	U	ug/kg	2000	ug/kg	1	1.5
Dibenzo(a,h)anthracene	REMEDIAL ACTION	AFP-B-C-2-SP	477051.76	1348425.25	87	U	ug/kg	2000	ug/kg	1	1.5
Dibenzo(a,h)anthracene	REMEDIAL ACTION	AFP-B-C-4-SP	477044.99	1348490.00	87	U	ug/kg	2000	ug/kg	1	1.5
Dibenzo(a,h)anthracene	REMEDIAL ACTION	AFP-B-C-10-SP	477141.99	1348424.00	88	U	ug/kg	2000	ug/kg	1	1.5
Dibenzo(a,h)anthracene	REMEDIAL ACTION	AFP-B-C-13-SP	477107.99	1348511.00	88	U	ug/kg	2000	ug/kg	1	1.5
Dibenzo(a,h)anthracene	REMEDIAL ACTION	AFP-B-C-6-SP	477067.99	1348537.00	88	U	ug/kg	2000	ug/kg	1	1.5
Dibenzo(a,h)anthracene	REMEDIAL ACTION	AFP-B-C-14-SP	477120.99	1348529.00	89	U	ug/kg	2000	ug/kg	1	1.5
Dibenzo(a,h)anthracene	REMEDIAL ACTION	AFP-B-C-15-SP	477111.99	1348569.00	89	U	ug/kg	2000	ug/kg	1	1.5
Dibenzo(a,h)anthracene	REMEDIAL ACTION	AFP-B-C-9-SP	477136.99	1348393.00	89	U	ug/kg	2000	ug/kg	1	1.5
Dibenzo(a,h)anthracene	REMEDIAL ACTION	AFP-B-C-12-SP	477102.99	1348488.00	90	U	ug/kg	2000	ug/kg	1	1.5
Dibenzo(a,h)anthracene	REMEDIAL ACTION	AFP-B-C-16-SP	477086.99	1348590.00	90	U	ug/kg	2000	ug/kg	1	1.5
Dibenzo(a,h)anthracene	RI/FS	112126	477270.90	1348424.39	370	U	ug/kg	2000	ug/kg	29.5	31.5
Dibenzo(a,h)anthracene	RI/FS	112123	477270.90	1348424.39	380	U	ug/kg	2000	ug/kg	25.5	27.5
Dibenzo(a,h)anthracene	UNKNOWN	067184	477272.52	1348486.90	390	U	ug/kg	2000	ug/kg	29	30.5
Dibenzo(a,h)anthracene	RI/FS	112153	477309.74	1348528.82	390	U	ug/kg	2000	ug/kg	20	22
Dibenzo(a,h)anthracene	UNKNOWN	067218	477269.05	1348361.98	400	U	ug/kg	2000	ug/kg	41.5	43
Dibenzo(a,h)anthracene	RI/FS	112092	477270.90	1348424.39	400	U	ug/kg	2000	ug/kg	2	4
Dibenzo(a,h)anthracene	RI/FS	112241	477170.36	1348501.23	400	U	ug/kg	2000	ug/kg	0	0.5
Dibenzo(a,h)anthracene	UNKNOWN	067193	477269.05	1348361.98	410	U	ug/kg	2000	ug/kg	4.5	6
Dibenzo(a,h)anthracene	UNKNOWN	067506	477443.68	1348419.22	410	U	ug/kg	2000	ug/kg	9.5	12
Dibenzo(a,h)anthracene	RI/FS	112091	477270.90	1348424.39	410	U	ug/kg	2000	ug/kg	0	1.5
Dibenzo(a,h)anthracene	RI/FS	112129	477309.74	1348528.82	410	U	ug/kg	2000	ug/kg	0	2
Dibenzo(a,h)anthracene	RI/FS	112130	477309.74	1348528.82	410	U	ug/kg	2000	ug/kg	2	4
Dibenzo(a,h)anthracene	RI/FS	112157	477309.74	1348528.82	410	U	ug/kg	2000	ug/kg	24	26
Dibenzo(a,h)anthracene	UNKNOWN	067155	477346.84	1348570.61	420	UJ	ug/kg	2000	ug/kg	18	19.5
Dibenzo(a,h)anthracene	UNKNOWN	067505	477443.68	1348419.22	420	U	ug/kg	2000	ug/kg	6	7.5

APPENDIX A
VALIDATED BELOW-FRL DATA

Parameter	Sampling Program	Sample ID	Northing	Easting	Result	Qualifier	Units	FRL	Units	Top Depth	Bottom Depth
Dibenzo(a,h)anthracene	UNKNOWN	067711	477250.80	1348484.51	420	U	ug/kg	2000	ug/kg	13.5	15
Dibenzo(a,h)anthracene	RI/FS	112161	477395.53	1348495.36	420	U	ug/kg	2000	ug/kg	2	4
Dibenzo(a,h)anthracene	RI/FS	112181	477395.53	1348495.36	420	U	ug/kg	2000	ug/kg	19	21
Dibenzo(a,h)anthracene	UNKNOWN	067173	477272.52	1348486.90	430	U	ug/kg	2000	ug/kg	13.5	15
Dibenzo(a,h)anthracene	UNKNOWN	067503	477443.68	1348419.22	430	U	ug/kg	2000	ug/kg	1.5	3
Dibenzo(a,h)anthracene	UNKNOWN	067706	477250.80	1348484.51	430	U	ug/kg	2000	ug/kg	6	7.5
Dibenzo(a,h)anthracene	RI/FS	112180	477395.53	1348495.36	430	U	ug/kg	2000	ug/kg	17	19
Dibenzo(a,h)anthracene	RI/FS	112160	477395.53	1348495.36	440	U	ug/kg	2000	ug/kg	0	2
Dibenzo(a,h)anthracene	RI/FS	112167	477395.53	1348495.36	440	U	ug/kg	2000	ug/kg	8	10
Dibenzo(a,h)anthracene	RI/FS	112248	477224.32	1348641.68	440	U	ug/kg	2000	ug/kg	0	0.5
Dibenzo(a,h)anthracene	RI/FS	112252	477251.96	1348341.16	440	U	ug/kg	2000	ug/kg	0	0.5
Dibenzo(a,h)anthracene	RI/FS	112258	477384.73	1348571.91	440	U	ug/kg	2000	ug/kg	0	0.5
Dibenzo(a,h)anthracene	UNKNOWN	067167	477272.52	1348486.90	450	U	ug/kg	2000	ug/kg	4.5	6
Dibenzo(a,h)anthracene	UNKNOWN	067201	477269.05	1348361.98	450	U	ug/kg	2000	ug/kg	16	17.5
Dibenzo(a,h)anthracene	RI/FS	112117	477270.90	1348424.39	450	U	ug/kg	2000	ug/kg	20	22
Dibenzo(a,h)anthracene	RI/FS	112145	477309.74	1348528.82	450	U	ug/kg	2000	ug/kg	13	15
Dibenzo(a,h)anthracene	RI/FS	112249	477353.66	1348669.64	450	U	ug/kg	2000	ug/kg	0	0.5
Dibenzo(a,h)anthracene	RI/FS	112257	477312.86	1348636.13	450	U	ug/kg	2000	ug/kg	0	0.5
Dibenzo(a,h)anthracene	RI/FS	112255	477265.40	1348609.79	460	U	ug/kg	2000	ug/kg	0	0.5
Dibenzo(a,h)anthracene	RI/FS	112251	477414.67	1348588.29	480	U	ug/kg	2000	ug/kg	0	0.5
Dibenzo(a,h)anthracene	RI/FS	112254	477229.95	1348473.97	490	U	ug/kg	2000	ug/kg	0	0.5
Dibenzo(a,h)anthracene	RI/FS	112264	477204.08	1348281.83	490	U	ug/kg	2000	ug/kg	0	0.5
Dibenzo(a,h)anthracene	UNKNOWN	067149	477346.84	1348570.61	500	UJ	ug/kg	2000	ug/kg	9	10.5
Dieldrin	REMEDIAL ACTION	AFP-B-C-11-SP-D	477106.99	1348444.00	3.5	U	ug/kg	15	ug/kg	1	1.5
Dieldrin	REMEDIAL ACTION	AFP-B-C-7-SP	477039.99	1348574.00	3.5	U	ug/kg	15	ug/kg	1	1.5
Dieldrin	REMEDIAL ACTION	AFP-B-C-11-SP	477106.99	1348444.00	3.6	U	ug/kg	15	ug/kg	1	1.5
Dieldrin	REMEDIAL ACTION	AFP-B-C-1-SP	477090.99	1348394.00	3.6	U	ug/kg	15	ug/kg	1	1.5
Dieldrin	REMEDIAL ACTION	AFP-B-C-2-SP	477051.76	1348425.25	3.6	U	ug/kg	15	ug/kg	1	1.5
Dieldrin	REMEDIAL ACTION	AFP-B-C-3-SP	477085.99	1348436.00	3.6	U	ug/kg	15	ug/kg	1	1.5
Dieldrin	REMEDIAL ACTION	AFP-B-C-4-SP	477044.99	1348490.00	3.6	U	ug/kg	15	ug/kg	1	1.5
Dieldrin	REMEDIAL ACTION	AFP-B-C-5-SP	477021.52	1348521.61	3.6	U	ug/kg	15	ug/kg	1	1.5
Dieldrin	RI/FS	112126	477270.90	1348424.39	3.7	U	ug/kg	15	ug/kg	29.5	31.5
Dieldrin	REMEDIAL ACTION	AFP-B-C-10-SP	477141.99	1348424.00	3.7	UJ	ug/kg	15	ug/kg	1	1.5
Dieldrin	REMEDIAL ACTION	AFP-B-C-13-SP	477107.99	1348511.00	3.7	U	ug/kg	15	ug/kg	1	1.5
Dieldrin	REMEDIAL ACTION	AFP-B-C-14-SP	477120.99	1348529.00	3.7	UJ	ug/kg	15	ug/kg	1	1.5

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**APPENDIX A
VALIDATED BELOW-FRL DATA**

Parameter	Sampling Program	Sample ID	Northing	Easting	Result	Qualifier	Units	FRL	Units	Top Depth	Bottom Depth
Dieldrin	REMEDIAL ACTION	AFP-B-C-15-SP	477111.99	1348569.00	3.7	U	ug/kg	15	ug/kg	1	1.5
Dieldrin	REMEDIAL ACTION	AFP-B-C-16-SP	477086.99	1348590.00	3.7	U	ug/kg	15	ug/kg	1	1.5
Dieldrin	REMEDIAL ACTION	AFP-B-C-6-SP	477067.99	1348537.00	3.7	U	ug/kg	15	ug/kg	1	1.5
Dieldrin	REMEDIAL ACTION	AFP-B-C-9-SP	477136.99	1348393.00	3.7	U	ug/kg	15	ug/kg	1	1.5
Dieldrin	RI/FS	112123	477270.90	1348424.39	3.8	U	ug/kg	15	ug/kg	25.5	27.5
Dieldrin	REMEDIAL ACTION	AFP-B-C-12-SP	477102.99	1348488.00	3.8	U	ug/kg	15	ug/kg	1	1.5
Dieldrin	RI/FS	112153	477309.74	1348528.82	3.9	U	ug/kg	15	ug/kg	20	22
Dieldrin	RI/FS	112092	477270.90	1348424.39	4	UJ	ug/kg	15	ug/kg	2	4
Dieldrin	RI/FS	112241	477170.36	1348501.23	4	U	ug/kg	15	ug/kg	0	0.5
Dieldrin	RI/FS	112129	477309.74	1348528.82	4.1	U	ug/kg	15	ug/kg	0	2
Dieldrin	RI/FS	112130	477309.74	1348528.82	4.1	U	ug/kg	15	ug/kg	2	4
Dieldrin	RI/FS	112157	477309.74	1348528.82	4.1	U	ug/kg	15	ug/kg	24	26
Dieldrin	RI/FS	112091	477270.90	1348424.39	4.2	U	ug/kg	15	ug/kg	0	1.5
Dieldrin	RI/FS	112161	477395.53	1348495.36	4.2	U	ug/kg	15	ug/kg	2	4
Dieldrin	RI/FS	112181	477395.53	1348495.36	4.2	UJ	ug/kg	15	ug/kg	19	21
Dieldrin	RI/FS	112180	477395.53	1348495.36	4.3	U	ug/kg	15	ug/kg	17	19
Dieldrin	RI/FS	112117	477270.90	1348424.39	4.4	U	ug/kg	15	ug/kg	20	22
Dieldrin	RI/FS	112160	477395.53	1348495.36	4.4	U	ug/kg	15	ug/kg	0	2
Dieldrin	RI/FS	112248	477224.32	1348641.68	4.4	U	ug/kg	15	ug/kg	0	0.5
Dieldrin	RI/FS	112252	477251.96	1348341.16	4.4	U	ug/kg	15	ug/kg	0	0.5
Dieldrin	RI/FS	112254	477229.95	1348473.97	4.4	U	ug/kg	15	ug/kg	0	0.5
Dieldrin	RI/FS	112257	477312.86	1348636.13	4.4	UJ	ug/kg	15	ug/kg	0	0.5
Dieldrin	RI/FS	112145	477309.74	1348528.82	4.5	U	ug/kg	15	ug/kg	13	15
Dieldrin	RI/FS	112249	477353.66	1348669.64	4.5	U	ug/kg	15	ug/kg	0	0.5
Dieldrin	RI/FS	112255	477265.40	1348609.79	4.5	U	ug/kg	15	ug/kg	0	0.5
Dieldrin	RI/FS	112258	477384.73	1348571.91	4.5	U	ug/kg	15	ug/kg	0	0.5
Dieldrin	RI/FS	112167	477395.53	1348495.36	4.6	UJ	ug/kg	15	ug/kg	8	10
Dieldrin	RI/FS	112251	477414.67	1348588.29	4.8	U	ug/kg	15	ug/kg	0	0.5
Dieldrin	RI/FS	112264	477204.08	1348281.83	4.8	U	ug/kg	15	ug/kg	0	0.5
Dieldrin	REMEDIAL ACTION	AFP-B-C-8-SP	477130.99	1348344.00	4.8	U	ug/kg	15	ug/kg	1	1.5
Dieldrin	RI/FS	112259	477350.83	1348368.24	5	UJ	ug/kg	15	ug/kg	0	0.5
Di-n-octyl phthalate	RI/FS	112123	477270.90	1348424.39	46	J	ug/kg	1100000	ug/kg	25.5	27.5
Di-n-octyl phthalate	RI/FS	112126	477270.90	1348424.39	370	U	ug/kg	1100000	ug/kg	29.5	31.5
Di-n-octyl phthalate	UNKNOWN	067184	477272.52	1348486.90	390	U	ug/kg	1100000	ug/kg	29	30.5
Di-n-octyl phthalate	RI/FS	112153	477309.74	1348528.82	390	U	ug/kg	1100000	ug/kg	20	22

APPENDIX A
VALIDATED BELOW-FRL DATA

Parameter	Sampling Program	Sample ID	Northing	Easting	Result	Qualifier	Units	FRL	Units	Top Depth	Bottom Depth
Di-n-octyl phthalate	UNKNOWN	067218	477269.05	1348361.98	400	U	ug/kg	1100000	ug/kg	41.5	43
Di-n-octyl phthalate	RI/FS	112092	477270.90	1348424.39	400	U	ug/kg	1100000	ug/kg	2	4
Di-n-octyl phthalate	RI/FS	112241	477170.36	1348501.23	400	U	ug/kg	1100000	ug/kg	0	0.5
Di-n-octyl phthalate	UNKNOWN	067193	477269.05	1348361.98	410	U	ug/kg	1100000	ug/kg	4.5	6
Di-n-octyl phthalate	UNKNOWN	067506	477443.68	1348419.22	410	U	ug/kg	1100000	ug/kg	9.5	12
Di-n-octyl phthalate	RI/FS	112091	477270.90	1348424.39	410	U	ug/kg	1100000	ug/kg	0	1.5
Di-n-octyl phthalate	RI/FS	112129	477309.74	1348528.82	410	U	ug/kg	1100000	ug/kg	0	2
Di-n-octyl phthalate	RI/FS	112130	477309.74	1348528.82	410	U	ug/kg	1100000	ug/kg	2	4
Di-n-octyl phthalate	RI/FS	112157	477309.74	1348528.82	410	U	ug/kg	1100000	ug/kg	24	26
Di-n-octyl phthalate	UNKNOWN	067155	477346.84	1348570.61	420	UJ	ug/kg	1100000	ug/kg	18	19.5
Di-n-octyl phthalate	UNKNOWN	067711	477250.80	1348484.51	420	U	ug/kg	1100000	ug/kg	13.5	15
Di-n-octyl phthalate	RI/FS	112161	477395.53	1348495.36	420	U	ug/kg	1100000	ug/kg	2	4
Di-n-octyl phthalate	RI/FS	112181	477395.53	1348495.36	420	U	ug/kg	1100000	ug/kg	19	21
Di-n-octyl phthalate	UNKNOWN	067173	477272.52	1348486.90	430	U	ug/kg	1100000	ug/kg	13.5	15
Di-n-octyl phthalate	UNKNOWN	067503	477443.68	1348419.22	430	U	ug/kg	1100000	ug/kg	1.5	3
Di-n-octyl phthalate	UNKNOWN	067706	477250.80	1348484.51	430	U	ug/kg	1100000	ug/kg	6	7.5
Di-n-octyl phthalate	RI/FS	112180	477395.53	1348495.36	430	U	ug/kg	1100000	ug/kg	17	19
Di-n-octyl phthalate	RI/FS	112160	477395.53	1348495.36	440	U	ug/kg	1100000	ug/kg	0	2
Di-n-octyl phthalate	RI/FS	112167	477395.53	1348495.36	440	U	ug/kg	1100000	ug/kg	8	10
Di-n-octyl phthalate	RI/FS	112248	477224.32	1348641.68	440	U	ug/kg	1100000	ug/kg	0	0.5
Di-n-octyl phthalate	RI/FS	112252	477251.96	1348341.16	440	U	ug/kg	1100000	ug/kg	0	0.5
Di-n-octyl phthalate	RI/FS	112258	477384.73	1348571.91	440	U	ug/kg	1100000	ug/kg	0	0.5
Di-n-octyl phthalate	UNKNOWN	067167	477272.52	1348486.90	450	U	ug/kg	1100000	ug/kg	4.5	6
Di-n-octyl phthalate	UNKNOWN	067201	477269.05	1348361.98	450	U	ug/kg	1100000	ug/kg	16	17.5
Di-n-octyl phthalate	RI/FS	112117	477270.90	1348424.39	450	U	ug/kg	1100000	ug/kg	20	22
Di-n-octyl phthalate	RI/FS	112145	477309.74	1348528.82	450	U	ug/kg	1100000	ug/kg	13	15
Di-n-octyl phthalate	RI/FS	112249	477353.66	1348669.64	450	U	ug/kg	1100000	ug/kg	0	0.5
Di-n-octyl phthalate	RI/FS	112257	477312.86	1348636.13	450	U	ug/kg	1100000	ug/kg	0	0.5
Di-n-octyl phthalate	RI/FS	112255	477265.40	1348609.79	460	U	ug/kg	1100000	ug/kg	0	0.5
Di-n-octyl phthalate	RI/FS	112251	477414.67	1348588.29	480	U	ug/kg	1100000	ug/kg	0	0.5
Di-n-octyl phthalate	RI/FS	112254	477229.95	1348473.97	490	U	ug/kg	1100000	ug/kg	0	0.5
Di-n-octyl phthalate	RI/FS	112264	477204.08	1348281.83	490	U	ug/kg	1100000	ug/kg	0	0.5
Di-n-octyl phthalate	UNKNOWN	067149	477346.84	1348570.61	500	UJ	ug/kg	1100000	ug/kg	9	10.5
Di-n-octyl phthalate	UNKNOWN	067505	477443.68	1348419.22	3000	-	ug/kg	1100000	ug/kg	6	7.5
Ethylbenzene	UNKNOWN	067155	477346.84	1348570.61	6	U	ug/kg	5100000	ug/kg	18	19.5

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**APPENDIX A
VALIDATED BELOW-FRL DATA**

Parameter	Sampling Program	Sample ID	Northing	Easting	Result	Qualifier	Units	FRL	Units	Top Depth	Bottom Depth
Ethylbenzene	UNKNOWN	067184	477272.52	1348486.90	6	U	ug/kg	5100000	ug/kg	29	30.5
Ethylbenzene	UNKNOWN	067218	477269.05	1348361.98	6	U	ug/kg	5100000	ug/kg	41.5	43
Ethylbenzene	UNKNOWN	067506	477443.68	1348419.22	6	U	ug/kg	5100000	ug/kg	9.5	12
Ethylbenzene	RI/FS	112126	477270.90	1348424.39	11	UJ	ug/kg	5100000	ug/kg	29.5	31.5
Ethylbenzene	RI/FS	112153	477309.74	1348528.82	12	U	ug/kg	5100000	ug/kg	20	22
Ethylbenzene	RI/FS	112241	477170.36	1348501.23	12	UJ	ug/kg	5100000	ug/kg	0	0.5
Ethylbenzene	RI/FS	112092	477270.90	1348424.39	13	UJ	ug/kg	5100000	ug/kg	2	4
Ethylbenzene	RI/FS	112123	477270.90	1348424.39	13	UJ	ug/kg	5100000	ug/kg	25.5	27.5
Ethylbenzene	RI/FS	112180	477395.53	1348495.36	13	U	ug/kg	5100000	ug/kg	17	19
Ethylbenzene	RI/FS	112181	477395.53	1348495.36	13	U	ug/kg	5100000	ug/kg	19	21
Ethylbenzene	RI/FS	112117	477270.90	1348424.39	14	UJ	ug/kg	5100000	ug/kg	20	22
Ethylbenzene	RI/FS	112248	477224.32	1348641.68	14	UJ	ug/kg	5100000	ug/kg	0	0.5
Ethylbenzene	RI/FS	112249	477353.66	1348669.64	14	UJ	ug/kg	5100000	ug/kg	0	0.5
Ethylbenzene	RI/FS	112264	477204.08	1348281.83	14	UJ	ug/kg	5100000	ug/kg	0	0.5
Ethylbenzene	RI/FS	112251	477414.67	1348588.29	15	UJ	ug/kg	5100000	ug/kg	0	0.5
Ethylbenzene	RI/FS	112130	477309.74	1348528.82	62	UJ	ug/kg	5100000	ug/kg	2	4
Ethylbenzene	RI/FS	112157	477309.74	1348528.82	1500	U	ug/kg	5100000	ug/kg	24	26
Indeno(1,2,3-cd)pyrene	REMEDIAL ACTION	AFP-B-C-2-SP	477051.76	1348425.25	37	J	ug/kg	20000	ug/kg	1	1.5
Indeno(1,2,3-cd)pyrene	RI/FS	112249	477353.66	1348669.64	74	J	ug/kg	20000	ug/kg	0	0.5
Indeno(1,2,3-cd)pyrene	REMEDIAL ACTION	AFP-B-C-8-SP	477130.99	1348344.00	87	J	ug/kg	20000	ug/kg	1	1.5
Indeno(1,2,3-cd)pyrene	REMEDIAL ACTION	AFP-B-C-11-SP-D	477106.99	1348444.00	260	U	ug/kg	20000	ug/kg	1	1.5
Indeno(1,2,3-cd)pyrene	REMEDIAL ACTION	AFP-B-C-7-SP	477039.99	1348574.00	260	U	ug/kg	20000	ug/kg	1	1.5
Indeno(1,2,3-cd)pyrene	REMEDIAL ACTION	AFP-B-C-11-SP	477106.99	1348444.00	270	U	ug/kg	20000	ug/kg	1	1.5
Indeno(1,2,3-cd)pyrene	REMEDIAL ACTION	AFP-B-C-1-SP	477090.99	1348394.00	270	U	ug/kg	20000	ug/kg	1	1.5
Indeno(1,2,3-cd)pyrene	REMEDIAL ACTION	AFP-B-C-3-SP	477085.99	1348436.00	270	U	ug/kg	20000	ug/kg	1	1.5
Indeno(1,2,3-cd)pyrene	REMEDIAL ACTION	AFP-B-C-4-SP	477044.99	1348490.00	270	U	ug/kg	20000	ug/kg	1	1.5
Indeno(1,2,3-cd)pyrene	REMEDIAL ACTION	AFP-B-C-5-SP	477021.52	1348521.61	270	U	ug/kg	20000	ug/kg	1	1.5
Indeno(1,2,3-cd)pyrene	REMEDIAL ACTION	AFP-B-C-10-SP	477141.99	1348424.00	280	U	ug/kg	20000	ug/kg	1	1.5
Indeno(1,2,3-cd)pyrene	REMEDIAL ACTION	AFP-B-C-12-SP	477102.99	1348488.00	280	U	ug/kg	20000	ug/kg	1	1.5
Indeno(1,2,3-cd)pyrene	REMEDIAL ACTION	AFP-B-C-13-SP	477107.99	1348511.00	280	U	ug/kg	20000	ug/kg	1	1.5
Indeno(1,2,3-cd)pyrene	REMEDIAL ACTION	AFP-B-C-14-SP	477120.99	1348529.00	280	U	ug/kg	20000	ug/kg	1	1.5
Indeno(1,2,3-cd)pyrene	REMEDIAL ACTION	AFP-B-C-15-SP	477111.99	1348569.00	280	U	ug/kg	20000	ug/kg	1	1.5
Indeno(1,2,3-cd)pyrene	REMEDIAL ACTION	AFP-B-C-16-SP	477086.99	1348590.00	280	U	ug/kg	20000	ug/kg	1	1.5
Indeno(1,2,3-cd)pyrene	REMEDIAL ACTION	AFP-B-C-6-SP	477067.99	1348537.00	280	U	ug/kg	20000	ug/kg	1	1.5
Indeno(1,2,3-cd)pyrene	REMEDIAL ACTION	AFP-B-C-9-SP	477136.99	1348393.00	280	U	ug/kg	20000	ug/kg	1	1.5

**APPENDIX A
VALIDATED BELOW-FRL DATA**

Parameter	Sampling Program	Sample ID	Northing	Easting	Result	Qualifier	Units	FRL	Units	Top Depth	Bottom Depth
Indeno(1,2,3-cd)pyrene	RI/FS	112126	477270.90	1348424.39	370	U	ug/kg	20000	ug/kg	29.5	31.5
Indeno(1,2,3-cd)pyrene	RI/FS	112123	477270.90	1348424.39	380	U	ug/kg	20000	ug/kg	25.5	27.5
Indeno(1,2,3-cd)pyrene	UNKNOWN	067184	477272.52	1348486.90	390	U	ug/kg	20000	ug/kg	29	30.5
Indeno(1,2,3-cd)pyrene	RI/FS	112153	477309.74	1348528.82	390	U	ug/kg	20000	ug/kg	20	22
Indeno(1,2,3-cd)pyrene	UNKNOWN	067218	477269.05	1348361.98	400	U	ug/kg	20000	ug/kg	41.5	43
Indeno(1,2,3-cd)pyrene	RI/FS	112092	477270.90	1348424.39	400	U	ug/kg	20000	ug/kg	2	4
Indeno(1,2,3-cd)pyrene	RI/FS	112241	477170.36	1348501.23	400	U	ug/kg	20000	ug/kg	0	0.5
Indeno(1,2,3-cd)pyrene	UNKNOWN	067193	477269.05	1348361.98	410	U	ug/kg	20000	ug/kg	4.5	6
Indeno(1,2,3-cd)pyrene	UNKNOWN	067506	477443.68	1348419.22	410	U	ug/kg	20000	ug/kg	9.5	12
Indeno(1,2,3-cd)pyrene	RI/FS	112091	477270.90	1348424.39	410	U	ug/kg	20000	ug/kg	0	1.5
Indeno(1,2,3-cd)pyrene	RI/FS	112129	477309.74	1348528.82	410	U	ug/kg	20000	ug/kg	0	2
Indeno(1,2,3-cd)pyrene	RI/FS	112130	477309.74	1348528.82	410	U	ug/kg	20000	ug/kg	2	4
Indeno(1,2,3-cd)pyrene	RI/FS	112157	477309.74	1348528.82	410	U	ug/kg	20000	ug/kg	24	26
Indeno(1,2,3-cd)pyrene	UNKNOWN	067155	477346.84	1348570.61	420	UJ	ug/kg	20000	ug/kg	18	19.5
Indeno(1,2,3-cd)pyrene	UNKNOWN	067505	477443.68	1348419.22	420	U	ug/kg	20000	ug/kg	6	7.5
Indeno(1,2,3-cd)pyrene	UNKNOWN	067711	477250.80	1348484.51	420	U	ug/kg	20000	ug/kg	13.5	15
Indeno(1,2,3-cd)pyrene	RI/FS	112161	477395.53	1348495.36	420	U	ug/kg	20000	ug/kg	2	4
Indeno(1,2,3-cd)pyrene	RI/FS	112181	477395.53	1348495.36	420	U	ug/kg	20000	ug/kg	19	21
Indeno(1,2,3-cd)pyrene	UNKNOWN	067173	477272.52	1348486.90	430	U	ug/kg	20000	ug/kg	13.5	15
Indeno(1,2,3-cd)pyrene	UNKNOWN	067503	477443.68	1348419.22	430	U	ug/kg	20000	ug/kg	1.5	3
Indeno(1,2,3-cd)pyrene	UNKNOWN	067706	477250.80	1348484.51	430	U	ug/kg	20000	ug/kg	6	7.5
Indeno(1,2,3-cd)pyrene	RI/FS	112180	477395.53	1348495.36	430	U	ug/kg	20000	ug/kg	17	19
Indeno(1,2,3-cd)pyrene	RI/FS	112160	477395.53	1348495.36	440	U	ug/kg	20000	ug/kg	0	2
Indeno(1,2,3-cd)pyrene	RI/FS	112167	477395.53	1348495.36	440	U	ug/kg	20000	ug/kg	8	10
Indeno(1,2,3-cd)pyrene	RI/FS	112248	477224.32	1348641.68	440	U	ug/kg	20000	ug/kg	0	0.5
Indeno(1,2,3-cd)pyrene	RI/FS	112252	477251.96	1348341.16	440	U	ug/kg	20000	ug/kg	0	0.5
Indeno(1,2,3-cd)pyrene	RI/FS	112258	477384.73	1348571.91	440	U	ug/kg	20000	ug/kg	0	0.5
Indeno(1,2,3-cd)pyrene	UNKNOWN	067167	477272.52	1348486.90	450	U	ug/kg	20000	ug/kg	4.5	6
Indeno(1,2,3-cd)pyrene	UNKNOWN	067201	477269.05	1348361.98	450	U	ug/kg	20000	ug/kg	16	17.5
Indeno(1,2,3-cd)pyrene	RI/FS	112117	477270.90	1348424.39	450	U	ug/kg	20000	ug/kg	20	22
Indeno(1,2,3-cd)pyrene	RI/FS	112145	477309.74	1348528.82	450	U	ug/kg	20000	ug/kg	13	15
Indeno(1,2,3-cd)pyrene	RI/FS	112257	477312.86	1348636.13	450	U	ug/kg	20000	ug/kg	0	0.5
Indeno(1,2,3-cd)pyrene	RI/FS	112255	477265.40	1348609.79	460	U	ug/kg	20000	ug/kg	0	0.5
Indeno(1,2,3-cd)pyrene	RI/FS	112251	477414.67	1348588.29	480	U	ug/kg	20000	ug/kg	0	0.5
Indeno(1,2,3-cd)pyrene	RI/FS	112254	477229.95	1348473.97	490	U	ug/kg	20000	ug/kg	0	0.5

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**APPENDIX A
VALIDATED BELOW-FRL DATA**

Parameter	Sampling Program	Sample ID	Northing	Easting	Result	Qualifier	Units	FRL	Units	Top Depth	Bottom Depth
Indeno(1,2,3-cd)pyrene	RI/FS	112264	477204.08	1348281.83	490	U	ug/kg	20000	ug/kg	0	0.5
Indeno(1,2,3-cd)pyrene	UNKNOWN	067149	477346.84	1348570.61	500	UJ	ug/kg	20000	ug/kg	9	10.5
Lead	UNKNOWN	067506	477443.68	1348419.22	5.8	-	mg/kg	400	mg/kg	9.5	12
Lead	UNKNOWN	067184	477272.52	1348486.90	7.9	-	mg/kg	400	mg/kg	29	30.5
Lead	RI/FS	112126	477270.90	1348424.39	8.6	-	mg/kg	400	mg/kg	29.5	31.5
Lead	REMEDIAL ACTION	AFP-B-C-11-M-D	477106.99	1348444.00	9	-	mg/kg	400	mg/kg	1	1.5
Lead	CIS	PS-25-009	477032.62	1348465.24	9.3	J	mg/kg	400	mg/kg		
Lead	REMEDIAL ACTION	AFP-B-C-11-M	477106.99	1348444.00	9.8	-	mg/kg	400	mg/kg	1	1.5
Lead	REMEDIAL ACTION	AFP-B-C-10-M	477141.99	1348424.00	11.2	J	mg/kg	400	mg/kg	1	1.5
Lead	UNKNOWN	067218	477269.05	1348361.98	11.3	-	mg/kg	400	mg/kg	41.5	43
Lead	RI/FS	112157	477309.74	1348528.82	11.3	-	mg/kg	400	mg/kg	24	26
Lead	REMEDIAL ACTION	AFP-B-C-7-M	477039.99	1348574.00	11.3	-	mg/kg	400	mg/kg	1	1.5
Lead	REMEDIAL ACTION	AFP-B-C-14-M	477120.99	1348529.00	11.5	J	mg/kg	400	mg/kg	1	1.5
Lead	REMEDIAL ACTION	AFP-B-C-3-M	477085.99	1348436.00	11.5	-	mg/kg	400	mg/kg	1	1.5
Lead	REMEDIAL ACTION	AFP-B-C-16-M	477086.99	1348590.00	11.6	J	mg/kg	400	mg/kg	1	1.5
Lead	RI/FS	112153	477309.74	1348528.82	11.7	-	mg/kg	400	mg/kg	20	22
Lead	REMEDIAL ACTION	AFP-B-C-12-M	477102.99	1348488.00	11.8	J	mg/kg	400	mg/kg	1	1.5
Lead	REMEDIAL ACTION	AFP-B-C-2-M	477051.76	1348425.25	11.9	J	mg/kg	400	mg/kg	1	1.5
Lead	REMEDIAL ACTION	AFP-B-C-1-M	477090.99	1348394.00	12.5	-	mg/kg	400	mg/kg	1	1.5
Lead	REMEDIAL ACTION	AFP-B-C-6-M	477067.99	1348537.00	12.7	J	mg/kg	400	mg/kg	1	1.5
Lead	REMEDIAL ACTION	AFP-B-C-9-M	477136.99	1348393.00	12.8	-	mg/kg	400	mg/kg	1	1.5
Lead	REMEDIAL ACTION	AFP-B-C-15-M	477111.99	1348569.00	13.5	-	mg/kg	400	mg/kg	1	1.5
Lead	REMEDIAL ACTION	AFP-B-C-13-M	477107.99	1348511.00	13.8	-	mg/kg	400	mg/kg	1	1.5
Lead	REMEDIAL ACTION	AFP-B-C-5-M	477021.52	1348521.61	14.6	J	mg/kg	400	mg/kg	1	1.5
Lead	RI/FS	112123	477270.90	1348424.39	18.9	-	mg/kg	400	mg/kg	25.5	27.5
Lead	UNKNOWN	067505	477443.68	1348419.22	19.7	-	mg/kg	400	mg/kg	6	7.5
Lead	REMEDIAL ACTION	AFP-B-C-4-M	477044.99	1348490.00	20.4	J	mg/kg	400	mg/kg	1	1.5
Lead	REMEDIAL ACTION	AFP-B-C-8-M	477130.99	1348344.00	20.8	J	mg/kg	400	mg/kg	1	1.5
Lead	RI/FS	112181	477395.53	1348495.36	21.2	J	mg/kg	400	mg/kg	19	21
Lead	UNKNOWN	067155	477346.84	1348570.61	21.4	-	mg/kg	400	mg/kg	18	19.5
Lead	RI/FS	112248	477224.32	1348641.68	21.6	-	mg/kg	400	mg/kg	0	0.5
Lead	UNKNOWN	067193	477269.05	1348361.98	21.7	-	mg/kg	400	mg/kg	4.5	6
Lead	RI/FS	112241	477170.36	1348501.23	23.7	-	mg/kg	400	mg/kg	0	0.5
Lead	RI/FS	112249	477353.66	1348669.64	25.5	-	mg/kg	400	mg/kg	0	0.5
Lead	RI/FS	112092	477270.90	1348424.39	30.3	-	mg/kg	400	mg/kg	2	4

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APPENDIX A
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Parameter	Sampling Program	Sample ID	Northing	Easting	Result	Qualifier	Units	FRL	Units	Top Depth	Bottom Depth
Lead	RI/FS	112180	477395.53	1348495.36	31.1	J	mg/kg	400	mg/kg	17	19
Lead	RI/FS	112161	477395.53	1348495.36	31.9	J	mg/kg	400	mg/kg	2	4
Lead	RI/FS	112264	477204.08	1348281.83	32.2	J	mg/kg	400	mg/kg	0	0.5
Lead	UNKNOWN	067149	477346.84	1348570.61	38	-	mg/kg	400	mg/kg	9	10.5
Lead	UNKNOWN	067503	477443.68	1348419.22	38.3	-	mg/kg	400	mg/kg	1.5	3
Lead	RI/FS	112167	477395.53	1348495.36	38.7	J	mg/kg	400	mg/kg	8	10
Lead	RI/FS	112130	477309.74	1348528.82	40.5	-	mg/kg	400	mg/kg	2	4
Lead	RI/FS	112251	477414.67	1348588.29	41.8	-	mg/kg	400	mg/kg	0	0.5
Lead	RI/FS	112252	477251.96	1348341.16	42	J	mg/kg	400	mg/kg	0	0.5
Lead	UNKNOWN	067167	477272.52	1348486.90	42.2	-	mg/kg	400	mg/kg	4.5	6
Lead	RI/FS	112145	477309.74	1348528.82	42.6	-	mg/kg	400	mg/kg	13	15
Lead	RI/FS	112257	477312.86	1348636.13	44.9	J	mg/kg	400	mg/kg	0	0.5
Lead	UNKNOWN	067173	477272.52	1348486.90	46.7	-	mg/kg	400	mg/kg	13.5	15
Lead	RI/FS	112255	477265.40	1348609.79	49	J	mg/kg	400	mg/kg	0	0.5
Lead	RI/FS	112259	477350.83	1348368.24	49.1	J	mg/kg	400	mg/kg	0	0.5
Lead	RI/FS	112258	477384.73	1348571.91	54.4	J	mg/kg	400	mg/kg	0	0.5
Lead	RI/FS	112160	477395.53	1348495.36	61.6	J	mg/kg	400	mg/kg	0	2
Lead	UNKNOWN	067201	477269.05	1348361.98	61.7	-	mg/kg	400	mg/kg	16	17.5
Lead	RI/FS	112254	477229.95	1348473.97	66	J	mg/kg	400	mg/kg	0	0.5
Lead	RI/FS	112117	477270.90	1348424.39	68.2	-	mg/kg	400	mg/kg	20	22
Lead	RI/FS	112129	477309.74	1348528.82	70.3	-	mg/kg	400	mg/kg	0	2
Lead	RI/FS	112091	477270.90	1348424.39	77.4	-	mg/kg	400	mg/kg	0	1.5
Lead-210	UNKNOWN	067146	477346.84	1348570.61	1.52	-	pCi/g	38	pCi/g	4.5	6
Lead-210	UNKNOWN	067153	477346.84	1348570.61	1.63	-	pCi/g	38	pCi/g	15	16.5
Manganese	UNKNOWN	067505	477443.68	1348419.22	8.2	-	mg/kg	4600	mg/kg	8	7.5
Manganese	RI/FS	112259	477350.83	1348368.24	15.6	-	mg/kg	4600	mg/kg	10	0.5
Manganese	UNKNOWN	067201	477269.05	1348361.98	16	-	mg/kg	4600	mg/kg	16	17.5
Manganese	RI/FS	112161	477395.53	1348495.36	16.5	-	mg/kg	4600	mg/kg	2	4
Manganese	RI/FS	112092	477270.90	1348424.39	20.1	J	mg/kg	4600	mg/kg	2	4
Manganese	UNKNOWN	067173	477272.52	1348486.90	20.3	-	mg/kg	4600	mg/kg	13.5	15
Manganese	RI/FS	112129	477309.74	1348528.82	20.6	J	mg/kg	4600	mg/kg	5	2
Manganese	RI/FS	112257	477312.86	1348636.13	25.2	-	mg/kg	4600	mg/kg	10	0.5
Manganese	RI/FS	112130	477309.74	1348528.82	25.3	J	mg/kg	4600	mg/kg	2	4
Manganese	UNKNOWN	067503	477443.68	1348419.22	25.7	-	mg/kg	4600	mg/kg	1.5	3
Manganese	RI/FS	112167	477395.53	1348495.36	27.1	-	mg/kg	4600	mg/kg	8	10

**APPENDIX A
VALIDATED BELOW-FRL DATA**

Parameter	Sampling Program	Sample ID	Northing	Eastng	Result	Qualifier	Units	FRL	Units	Top Depth	Bottom Depth
Manganese	UNKNOWN	067149	477346.84	1348570.61	27.2	-	mg/kg	4600	mg/kg	9	10.5
Manganese	RI/FS	112258	477384.73	1348571.91	28	-	mg/kg	4600	mg/kg	0	0.5
Manganese	RI/FS	112091	477270.90	1348424.39	31.5	J	mg/kg	4600	mg/kg	0	1.5
Manganese	RI/FS	112264	477204.08	1348281.83	32.5	-	mg/kg	4600	mg/kg	0	0.5
Manganese	UNKNOWN	067193	477269.05	1348361.98	34.9	-	mg/kg	4600	mg/kg	4.5	6
Manganese	RI/FS	112145	477309.74	1348528.82	34.9	J	mg/kg	4600	mg/kg	13	15
Manganese	RI/FS	112160	477395.53	1348495.36	38.2	-	mg/kg	4600	mg/kg	0	2
Manganese	RI/FS	112252	477251.96	1348341.16	42.4	-	mg/kg	4600	mg/kg	0	0.5
Manganese	RI/FS	112255	477265.40	1348609.79	44.5	-	mg/kg	4600	mg/kg	0	0.5
Manganese	UNKNOWN	067167	477272.52	1348486.90	45.7	-	mg/kg	4600	mg/kg	4.5	6
Manganese	RI/FS	112254	477229.95	1348473.97	47.8	-	mg/kg	4600	mg/kg	0	0.5
Manganese	RI/FS	112117	477270.90	1348424.39	107	J	mg/kg	4600	mg/kg	20	22
Manganese	RI/FS	112251	477414.67	1348588.29	185	J	mg/kg	4600	mg/kg	0	0.5
Manganese	UNKNOWN	067506	477443.68	1348419.22	223	-	mg/kg	4600	mg/kg	9.5	12
Manganese	RI/FS	112123	477270.90	1348424.39	258	J	mg/kg	4600	mg/kg	25.5	27.5
Manganese	RI/FS	112157	477309.74	1348528.82	275	J	mg/kg	4600	mg/kg	24	26
Manganese	RI/FS	112248	477224.32	1348641.68	302	J	mg/kg	4600	mg/kg	0	0.5
Manganese	RI/FS	112249	477353.66	1348669.64	334	J	mg/kg	4600	mg/kg	0	0.5
Manganese	UNKNOWN	067155	477346.84	1348570.61	340	-	mg/kg	4600	mg/kg	18	19.5
Manganese	RI/FS	112153	477309.74	1348528.82	351	J	mg/kg	4600	mg/kg	20	22
Manganese	UNKNOWN	067184	477272.52	1348486.90	458	-	mg/kg	4600	mg/kg	29	30.5
Manganese	RI/FS	112126	477270.90	1348424.39	459	J	mg/kg	4600	mg/kg	29.5	31.5
Manganese	RI/FS	112241	477170.36	1348501.23	463	-	mg/kg	4600	mg/kg	0	0.5
Manganese	CIS	PS-25-009	477032.62	1348465.24	463	J	mg/kg	4600	mg/kg		
Manganese	UNKNOWN	067218	477269.05	1348361.98	523	-	mg/kg	4600	mg/kg	41.5	43
Manganese	RI/FS	112180	477395.53	1348495.36	1070	-	mg/kg	4600	mg/kg	17	19
Manganese	RI/FS	112181	477395.53	1348495.36	1900	-	mg/kg	4600	mg/kg	19	21
Mercury	RI/FS	112126	477270.90	1348424.39	0.1	U	mg/kg	7.5	mg/kg	29.5	31.5
Mercury	RI/FS	112161	477395.53	1348495.36	0.11	U	mg/kg	7.5	mg/kg	2	4
Mercury	RI/FS	112252	477251.96	1348341.16	0.11	U	mg/kg	7.5	mg/kg	0	0.5
Mercury	UNKNOWN	067155	477346.84	1348570.61	0.12	UJ	mg/kg	7.5	mg/kg	18	19.5
Mercury	UNKNOWN	067173	477272.52	1348486.90	0.12	UJ	mg/kg	7.5	mg/kg	13.5	15
Mercury	UNKNOWN	067184	477272.52	1348486.90	0.12	U	mg/kg	7.5	mg/kg	29	30.5
Mercury	UNKNOWN	067193	477269.05	1348361.98	0.12	U	mg/kg	7.5	mg/kg	4.5	6
Mercury	UNKNOWN	067218	477269.05	1348361.98	0.12	UJ	mg/kg	7.5	mg/kg	41.5	43

APPENDIX A
VALIDATED BELOW-FRL DATA

Parameter	Sampling Program	Sample ID	Northing	Easting	Result	Qualifier	Units	FRL	Units	Top Depth	Bottom Depth
Mercury	UNKNOWN	067506	477443.68	1348419.22	0.12	UJ	mg/kg	7.5	mg/kg	9.5	12
Mercury	RI/FS	112092	477270.90	1348424.39	0.12	U	mg/kg	7.5	mg/kg	2	4
Mercury	RI/FS	112123	477270.90	1348424.39	0.12	U	mg/kg	7.5	mg/kg	25.5	27.5
Mercury	RI/FS	112129	477309.74	1348528.82	0.12	U	mg/kg	7.5	mg/kg	0	2
Mercury	RI/FS	112130	477309.74	1348528.82	0.12	U	mg/kg	7.5	mg/kg	2	4
Mercury	RI/FS	112153	477309.74	1348528.82	0.12	U	mg/kg	7.5	mg/kg	20	22
Mercury	RI/FS	112157	477309.74	1348528.82	0.12	U	mg/kg	7.5	mg/kg	24	26
Mercury	RI/FS	112160	477395.53	1348495.36	0.12	U	mg/kg	7.5	mg/kg	0	2
Mercury	RI/FS	112180	477395.53	1348495.36	0.12	U	mg/kg	7.5	mg/kg	17	19
Mercury	RI/FS	112181	477395.53	1348495.36	0.12	U	mg/kg	7.5	mg/kg	19	21
Mercury	RI/FS	112241	477170.36	1348501.23	0.12	U	mg/kg	7.5	mg/kg	0	0.5
Mercury	RI/FS	112248	477224.32	1348641.68	0.12	U	mg/kg	7.5	mg/kg	0	0.5
Mercury	UNKNOWN	067167	477272.52	1348486.90	0.13	UJ	mg/kg	7.5	mg/kg	4.5	6
Mercury	UNKNOWN	067503	477443.68	1348419.22	0.13	UJ	mg/kg	7.5	mg/kg	1.5	3
Mercury	UNKNOWN	067505	477443.68	1348419.22	0.13	UJ	mg/kg	7.5	mg/kg	6	7.5
Mercury	RI/FS	112145	477309.74	1348528.82	0.13	U	mg/kg	7.5	mg/kg	13	15
Mercury	RI/FS	112257	477312.86	1348636.13	0.13	U	mg/kg	7.5	mg/kg	0	0.5
Mercury	RI/FS	112264	477204.08	1348281.83	0.13	U	mg/kg	7.5	mg/kg	0	0.5
Mercury	UNKNOWN	067201	477269.05	1348361.98	0.14	U	mg/kg	7.5	mg/kg	16	17.5
Mercury	RI/FS	112117	477270.90	1348424.39	0.14	U	mg/kg	7.5	mg/kg	20	22
Mercury	RI/FS	112249	477353.66	1348669.64	0.14	U	mg/kg	7.5	mg/kg	0	0.5
Mercury	RI/FS	112258	477384.73	1348571.91	0.14	-	mg/kg	7.5	mg/kg	0	0.5
Mercury	UNKNOWN	067149	477346.84	1348570.61	0.16	J	mg/kg	7.5	mg/kg	9	10.5
Mercury	RI/FS	112255	477265.40	1348609.79	0.16	-	mg/kg	7.5	mg/kg	0	0.5
Mercury	RI/FS	112167	477395.53	1348495.36	0.19	-	mg/kg	7.5	mg/kg	8	10
Mercury	CIS	PS-25-009	477032.62	1348465.24	0.2	J	mg/kg	7.5	mg/kg		
Mercury	RI/FS	112254	477229.95	1348473.97	0.23	-	mg/kg	7.5	mg/kg	0	0.5
Mercury	RI/FS	112259	477350.83	1348368.24	0.23	-	mg/kg	7.5	mg/kg	0	0.5
Mercury	RI/FS	112251	477414.67	1348588.29	0.25	-	mg/kg	7.5	mg/kg	0	0.5
Mercury	RI/FS	112091	477270.90	1348424.39	0.26	-	mg/kg	7.5	mg/kg	0	1.5
Methylene chloride	RI/FS	112091	477270.90	1348424.39	5	J	ug/kg	37000	ug/kg	0	1.5
Methylene chloride	UNKNOWN	067155	477346.84	1348570.61	6	U	ug/kg	37000	ug/kg	18	19.5
Methylene chloride	UNKNOWN	067218	477269.05	1348361.98	7	U	ug/kg	37000	ug/kg	41.5	43
Methylene chloride	RI/FS	112126	477270.90	1348424.39	11	UJ	ug/kg	37000	ug/kg	29.5	31.5
Methylene chloride	RI/FS	112153	477309.74	1348528.82	12	U	ug/kg	37000	ug/kg	20	22

**APPENDIX A
VALIDATED BELOW-FRL DATA**

Parameter	Sampling Program	Sample ID	Northing	Easting	Result	Qualifier	Units	FRL	Units	Top Depth	Bottom Depth
Methylene chloride	RI/FS	112241	477170.36	1348501.23	12	U	ug/kg	37000	ug/kg	0	0.5
Methylene chloride	UNKNOWN	067184	477272.52	1348486.90	13	U	ug/kg	37000	ug/kg	29	30.5
Methylene chloride	RI/FS	112092	477270.90	1348424.39	13	UJ	ug/kg	37000	ug/kg	2	4
Methylene chloride	RI/FS	112123	477270.90	1348424.39	13	UJ	ug/kg	37000	ug/kg	25.5	27.5
Methylene chloride	RI/FS	112161	477395.53	1348495.36	13	U	ug/kg	37000	ug/kg	2	4
Methylene chloride	RI/FS	112181	477395.53	1348495.36	13	U	ug/kg	37000	ug/kg	19	21
Methylene chloride	RI/FS	112252	477251.96	1348341.16	13	U	ug/kg	37000	ug/kg	0	0.5
Methylene chloride	RI/FS	112257	477312.86	1348636.13	13	U	ug/kg	37000	ug/kg	0	0.5
Methylene chloride	RI/FS	112117	477270.90	1348424.39	14	UJ	ug/kg	37000	ug/kg	20	22
Methylene chloride	RI/FS	112248	477224.32	1348641.68	14	UJ	ug/kg	37000	ug/kg	0	0.5
Methylene chloride	RI/FS	112249	477353.66	1348669.64	14	U	ug/kg	37000	ug/kg	0	0.5
Methylene chloride	RI/FS	112255	477265.40	1348609.79	14	U	ug/kg	37000	ug/kg	0	0.5
Methylene chloride	RI/FS	112251	477414.67	1348588.29	15	U	ug/kg	37000	ug/kg	0	0.5
Methylene chloride	RI/FS	112264	477204.08	1348281.83	15	U	ug/kg	37000	ug/kg	0	0.5
Methylene chloride	UNKNOWN	067506	477443.68	1348419.22	22	U	ug/kg	37000	ug/kg	9.5	12
Methylene chloride	UNKNOWN	067193	477269.05	1348361.98	23	UJ	ug/kg	37000	ug/kg	4.5	6
Methylene chloride	RI/FS	112180	477395.53	1348495.36	25	-	ug/kg	37000	ug/kg	17	19
Methylene chloride	UNKNOWN	067201	477269.05	1348361.98	34	J	ug/kg	37000	ug/kg	16	17.5
Methylene chloride	UNKNOWN	067167	477272.52	1348486.90	37	J	ug/kg	37000	ug/kg	4.5	6
Methylene chloride	RI/FS	112258	477384.73	1348571.91	44	-	ug/kg	37000	ug/kg	0	0.5
Methylene chloride	RI/FS	112145	477309.74	1348528.82	52	U	ug/kg	37000	ug/kg	13	15
Methylene chloride	RI/FS	112130	477309.74	1348528.82	62	U	ug/kg	37000	ug/kg	2	4
Methylene chloride	RI/FS	112160	477395.53	1348495.36	63	J	ug/kg	37000	ug/kg	0	2
Methylene chloride	UNKNOWN	067173	477272.52	1348486.90	65	J	ug/kg	37000	ug/kg	13.5	15
Methylene chloride	RI/FS	112254	477229.95	1348473.97	65	-	ug/kg	37000	ug/kg	0	0.5
Methylene chloride	UNKNOWN	067149	477346.84	1348570.61	73	J	ug/kg	37000	ug/kg	9	10.5
Methylene chloride	RI/FS	112259	477350.83	1348368.24	110	J	ug/kg	37000	ug/kg	0	0.5
Methylene chloride	RI/FS	112167	477395.53	1348495.36	200	U	ug/kg	37000	ug/kg	8	10
Methylene chloride	RI/FS	112157	477309.74	1348528.82	1600	U	ug/kg	37000	ug/kg	24	26
Molybdenum	RI/FS	112157	477309.74	1348528.82	1.3	-	mg/kg	2900	mg/kg	24	26
Molybdenum	RI/FS	112126	477270.90	1348424.39	1.4	U	mg/kg	2900	mg/kg	29.5	31.5
Molybdenum	RI/FS	112241	477170.36	1348501.23	1.7	-	mg/kg	2900	mg/kg	0	0.5
Molybdenum	RI/FS	112123	477270.90	1348424.39	1.9	U	mg/kg	2900	mg/kg	25.5	27.5
Molybdenum	RI/FS	112153	477309.74	1348528.82	2	-	mg/kg	2900	mg/kg	20	22
Molybdenum	RI/FS	112248	477224.32	1348641.68	2.2	-	mg/kg	2900	mg/kg	0	0.5

**APPENDIX A
VALIDATED BELOW-FRL DATA**

Parameter	Sampling Program	Sample ID	Northing	Easting	Result	Qualifier	Units	FRL	Units	Top Depth	Bottom Depth
Molybdenum	RI/FS	112249	477353.66	1348669.64	2.3	-	mg/kg	2900	mg/kg	0	0.5
Molybdenum	RI/FS	112161	477395.53	1348495.36	2.5	U	mg/kg	2900	mg/kg	2	4
Molybdenum	RI/FS	112092	477270.90	1348424.39	3.3	U	mg/kg	2900	mg/kg	2	4
Molybdenum	RI/FS	112251	477414.67	1348588.29	3.6	-	mg/kg	2900	mg/kg	0	0.5
Molybdenum	UNKNOWN	067505	477443.68	1348419.22	4.3	-	mg/kg	2900	mg/kg	6	7.5
Molybdenum	RI/FS	112117	477270.90	1348424.39	4.7	U	mg/kg	2900	mg/kg	20	22
Molybdenum	RI/FS	112252	477251.96	1348341.16	4.7	-	mg/kg	2900	mg/kg	0	0.5
Molybdenum	RI/FS	112130	477309.74	1348528.82	5.2	-	mg/kg	2900	mg/kg	2	4
Molybdenum	RI/FS	112257	477312.86	1348636.13	5.8	-	mg/kg	2900	mg/kg	0	0.5
Molybdenum	RI/FS	112145	477309.74	1348528.82	6.3	-	mg/kg	2900	mg/kg	13	15
Molybdenum	RI/FS	112264	477204.08	1348281.83	6.3	-	mg/kg	2900	mg/kg	0	0.5
Molybdenum	RI/FS	112255	477265.40	1348609.79	6.4	-	mg/kg	2900	mg/kg	0	0.5
Molybdenum	UNKNOWN	067503	477443.68	1348419.22	6.5	-	mg/kg	2900	mg/kg	1.5	3
Molybdenum	UNKNOWN	067193	477269.05	1348361.98	7.9	-	mg/kg	2900	mg/kg	4.5	6
Molybdenum	RI/FS	112258	477384.73	1348571.91	8	-	mg/kg	2900	mg/kg	0	0.5
Molybdenum	UNKNOWN	067167	477272.52	1348486.90	8.6	-	mg/kg	2900	mg/kg	4.5	6
Molybdenum	UNKNOWN	067506	477443.68	1348419.22	8.7	J	mg/kg	2900	mg/kg	9.5	12
Molybdenum	RI/FS	112129	477309.74	1348528.82	8.8	-	mg/kg	2900	mg/kg	0	2
Molybdenum	RI/FS	112180	477395.53	1348495.36	9.6	-	mg/kg	2900	mg/kg	17	19
Molybdenum	RI/FS	112167	477395.53	1348495.36	9.7	-	mg/kg	2900	mg/kg	8	10
Molybdenum	UNKNOWN	067201	477269.05	1348361.98	10.3	-	mg/kg	2900	mg/kg	16	17.5
Molybdenum	RI/FS	112160	477395.53	1348495.36	10.4	-	mg/kg	2900	mg/kg	0	2
Molybdenum	RI/FS	112091	477270.90	1348424.39	11.4	-	mg/kg	2900	mg/kg	0	1.5
Molybdenum	RI/FS	112254	477229.95	1348473.97	11.9	-	mg/kg	2900	mg/kg	0	0.5
Molybdenum	UNKNOWN	067173	477272.52	1348486.90	12.5	-	mg/kg	2900	mg/kg	13.5	15
Molybdenum	UNKNOWN	067184	477272.52	1348486.90	12.5	J	mg/kg	2900	mg/kg	29	30.5
Molybdenum	RI/FS	112259	477350.83	1348368.24	12.5	-	mg/kg	2900	mg/kg	0	0.5
Molybdenum	UNKNOWN	067218	477269.05	1348361.98	13.2	-	mg/kg	2900	mg/kg	41.5	43
Molybdenum	RI/FS	112181	477395.53	1348495.36	13.5	-	mg/kg	2900	mg/kg	19	21
Molybdenum	UNKNOWN	067155	477346.84	1348570.61	17.9	-	mg/kg	2900	mg/kg	18	19.5
Molybdenum	UNKNOWN	067149	477346.84	1348570.61	18.8	-	mg/kg	2900	mg/kg	9	10.5
Neptunium-237	CIS	SL-25-016	477033.13	1348464.76	0.03	U	pCi/g	3.2	pCi/g	0.17	0.5
Neptunium-237	REMEDIAL ACTION	AFP-B-C-5-R	477021.52	1348521.61	0.033	UJ	pCi/g	3.2	pCi/g	1	1.5
Neptunium-237	REMEDIAL ACTION	AFP-B-C-11-R	477106.99	1348444.00	0.0368	UJ	pCi/g	3.2	pCi/g	1	1.5
Neptunium-237	REMEDIAL ACTION	AFP-B-C-11-R-D	477106.99	1348444.00	0.0396	UJ	pCi/g	3.2	pCi/g	1	1.5

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Parameter	Sampling Program	Sample ID	Northing	Easting	Result	Qualifier	Units	FRL	Units	Top Depth	Bottom Depth
Neptunium-237	REMEDIAL ACTION	AFP-B-C-3-R	477085.99	1348436.00	0.0401	UJ	pCi/g	3.2	pCi/g	1	1.5
Neptunium-237	REMEDIAL ACTION	AFP-B-C-1-R	477090.99	1348394.00	0.0405	UJ	pCi/g	3.2	pCi/g	1	1.5
Neptunium-237	REMEDIAL ACTION	AFP-B-C-7-R	477039.99	1348574.00	0.0415	UJ	pCi/g	3.2	pCi/g	1	1.5
Neptunium-237	REMEDIAL ACTION	AFP-B-C-2-R	477051.76	1348425.25	0.043	UJ	pCi/g	3.2	pCi/g	1	1.5
Neptunium-237	REMEDIAL ACTION	AFP-B-C-10-R	477141.99	1348424.00	0.0449	UJ	pCi/g	3.2	pCi/g	1	1.5
Neptunium-237	REMEDIAL ACTION	AFP-B-C-9-R	477136.99	1348393.00	0.0464	UJ	pCi/g	3.2	pCi/g	1	1.5
Neptunium-237	REMEDIAL ACTION	AFP-B-C-6-R	477067.99	1348537.00	0.049	UJ	pCi/g	3.2	pCi/g	1	1.5
Neptunium-237	RI/FS	112157	477309.74	1348528.82	0.052	N	pCi/g	3.2	pCi/g	24	26
Neptunium-237	REMEDIAL ACTION	AFP-B-C-16-R	477086.99	1348590.00	0.0542	UJ	pCi/g	3.2	pCi/g	1	1.5
Neptunium-237	RI/FS	112248	477224.32	1348641.68	0.057	N	pCi/g	3.2	pCi/g	0	0.5
Neptunium-237	RI/FS	112251	477414.67	1348588.29	0.058	N	pCi/g	3.2	pCi/g	0	0.5
Neptunium-237	RI/FS	112117	477270.90	1348424.39	0.0588	N	pCi/g	3.2	pCi/g	20	22
Neptunium-237	REMEDIAL ACTION	AFP-B-C-4-R	477044.99	1348490.00	0.059	UJ	pCi/g	3.2	pCi/g	1	1.5
Neptunium-237	REMEDIAL ACTION	AFP-B-C-15-R	477111.99	1348569.00	0.0594	UJ	pCi/g	3.2	pCi/g	1	1.5
Neptunium-237	REMEDIAL ACTION	AFP-B-C-13-R	477107.99	1348511.00	0.06	UJ	pCi/g	3.2	pCi/g	1	1.5
Neptunium-237	REMEDIAL ACTION	AFP-B-C-12-R	477102.99	1348488.00	0.0606	UJ	pCi/g	3.2	pCi/g	1	1.5
Neptunium-237	REMEDIAL ACTION	AFP-B-C-14-R	477120.99	1348529.00	0.0644	UJ	pCi/g	3.2	pCi/g	1	1.5
Neptunium-237	REMEDIAL ACTION	AFP-B-C-8-R	477130.99	1348344.00	0.0758	UJ	pCi/g	3.2	pCi/g	1	1.5
Neptunium-237	RI/FS	112129	477309.74	1348528.82	0.0825	N	pCi/g	3.2	pCi/g	0	2
Neptunium-237	RI/FS	112130	477309.74	1348528.82	0.1102	N	pCi/g	3.2	pCi/g	2	4
Neptunium-237	RI/FS	112241	477170.36	1348501.23	0.1196	N	pCi/g	3.2	pCi/g	0	0.5
Neptunium-237	RI/FS	112092	477270.90	1348424.39	0.122	N	pCi/g	3.2	pCi/g	2	4
Neptunium-237	RI/FS	112181	477395.53	1348495.36	0.124	N	pCi/g	3.2	pCi/g	19	21
Neptunium-237	RI/FS	112249	477353.66	1348669.64	0.124	N	pCi/g	3.2	pCi/g	0	0.5
Neptunium-237	RI/FS	112123	477270.90	1348424.39	0.146	N	pCi/g	3.2	pCi/g	25.5	27.5
Neptunium-237	RI/FS	112153	477309.74	1348528.82	0.1518	N	pCi/g	3.2	pCi/g	20	22
Neptunium-237	RI/FS	112126	477270.90	1348424.39	0.19	N	pCi/g	3.2	pCi/g	29.5	31.5
Neptunium-237	RI/FS	112161	477395.53	1348495.36	0.2831	N	pCi/g	3.2	pCi/g	2	4
Neptunium-237	RI/FS	112160	477395.53	1348495.36	0.2978	N	pCi/g	3.2	pCi/g	0	2
Neptunium-237	RI/FS	112180	477395.53	1348495.36	0.4101	N	pCi/g	3.2	pCi/g	17	19
Neptunium-237	RI/FS	112167	477395.53	1348495.36	0.45	N	pCi/g	3.2	pCi/g	8	10
Neptunium-237	UNKNOWN	007207	477164.10	1348282.64	0.6	UJ	pCi/g	3.2	pCi/g	7.5	9
Neptunium-237	UNKNOWN	007217	477506.81	1348408.24	0.6	UJ	pCi/g	3.2	pCi/g	1.5	3
Neptunium-237	UNKNOWN	007220	477506.81	1348408.24	0.6	UJ	pCi/g	3.2	pCi/g	1.5	3
Neptunium-237	UNKNOWN	007280	477049.86	1348603.06	0.6	U	pCi/g	3.2	pCi/g	0	1.5

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APPENDIX A
VALIDATED BELOW-FRL DATA

Parameter	Sampling Program	Sample ID	Northing	Easting	Result	Qualifier	Units	FRL	Units	Top Depth	Bottom Depth
Neptunium-237	UNKNOWN	007293	477049.86	1348603.06	0.6	U	pCi/g	3.2	pCi/g	40	41.5
Neptunium-237	UNKNOWN	008948	477159.31	1348291.63	0.6	U	pCi/g	3.2	pCi/g	35	36.5
Neptunium-237	UNKNOWN	011010	477029.41	1348531.10	0.6	U	pCi/g	3.2	pCi/g		
Neptunium-237	UNKNOWN	020498	477509.58	1348397.57	0.6	U	pCi/g	3.2	pCi/g	65	66.5
Neptunium-237	UNKNOWN	032609	477168.80	1348273.00	0.6	U	pCi/g	3.2	pCi/g	105	106.5
Neptunium-237	UNKNOWN	067146	477346.84	1348570.61	0.6	UJ	pCi/g	3.2	pCi/g	4.5	6
Neptunium-237	UNKNOWN	067153	477346.84	1348570.61	0.6	UJ	pCi/g	3.2	pCi/g	15	16.5
Neptunium-237	UNKNOWN	067166	477272.52	1348486.90	0.6	U	pCi/g	3.2	pCi/g	3	4.5
Neptunium-237	UNKNOWN	067172	477272.52	1348486.90	0.6	U	pCi/g	3.2	pCi/g	12	13.5
Neptunium-237	UNKNOWN	067182	477272.52	1348486.90	0.6	U	pCi/g	3.2	pCi/g	26	27.5
Neptunium-237	UNKNOWN	067192	477269.05	1348361.98	0.6	U	pCi/g	3.2	pCi/g	3	4.5
Neptunium-237	UNKNOWN	067200	477269.05	1348361.98	0.6	U	pCi/g	3.2	pCi/g	14.5	16
Nickel	UNKNOWN	067505	477443.68	1348419.22	6.2	-	mg/kg	15000	mg/kg	6	7.5
Nickel	UNKNOWN	067193	477269.05	1348361.98	9.8	-	mg/kg	15000	mg/kg	4.5	6
Nickel	CIS	PS-25-009	477032.62	1348465.24	13	-	mg/kg	15000	mg/kg		
Nickel	UNKNOWN	067506	477443.68	1348419.22	13.9	-	mg/kg	15000	mg/kg	9.5	12
Nickel	RI/FS	112249	477353.66	1348669.64	15.3	-	mg/kg	15000	mg/kg	0	0.5
Nickel	RI/FS	112126	477270.90	1348424.39	16.8	-	mg/kg	15000	mg/kg	29.5	31.5
Nickel	RI/FS	112248	477224.32	1348641.68	17.9	-	mg/kg	15000	mg/kg	0	0.5
Nickel	UNKNOWN	067503	477443.68	1348419.22	18.1	-	mg/kg	15000	mg/kg	1.5	3
Nickel	RI/FS	112161	477395.53	1348495.36	18.8	J	mg/kg	15000	mg/kg	2	4
Nickel	RI/FS	112157	477309.74	1348528.82	19	-	mg/kg	15000	mg/kg	24	26
Nickel	RI/FS	112264	477204.08	1348281.83	19.9	J	mg/kg	15000	mg/kg	0	0.5
Nickel	RI/FS	112092	477270.90	1348424.39	20.1	-	mg/kg	15000	mg/kg	2	4
Nickel	RI/FS	112241	477170.36	1348501.23	20.1	-	mg/kg	15000	mg/kg	0	0.5
Nickel	RI/FS	112123	477270.90	1348424.39	20.4	-	mg/kg	15000	mg/kg	25.5	27.5
Nickel	RI/FS	112167	477395.53	1348495.36	20.6	J	mg/kg	15000	mg/kg	8	10
Nickel	RI/FS	112251	477414.67	1348588.29	23	-	mg/kg	15000	mg/kg	0	0.5
Nickel	UNKNOWN	067201	477269.05	1348361.98	23.7	-	mg/kg	15000	mg/kg	16	17.5
Nickel	RI/FS	112180	477395.53	1348495.36	25.2	J	mg/kg	15000	mg/kg	17	19
Nickel	UNKNOWN	067184	477272.52	1348486.90	25.7	-	mg/kg	15000	mg/kg	29	30.5
Nickel	UNKNOWN	067218	477269.05	1348361.98	25.7	-	mg/kg	15000	mg/kg	41.5	43
Nickel	RI/FS	112145	477309.74	1348528.82	25.8	-	mg/kg	15000	mg/kg	13	15
Nickel	UNKNOWN	067155	477346.84	1348570.61	26.5	-	mg/kg	15000	mg/kg	18	19.5
Nickel	RI/FS	112153	477309.74	1348528.82	28.2	-	mg/kg	15000	mg/kg	20	22

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**APPENDIX A
VALIDATED BELOW-FRL DATA**

Parameter	Sampling Program	Sample ID	Northing	Easting	Result	Qualifier	Units	FRL	Units	Top Depth	Bottom Depth
Nickel	UNKNOWN	067167	477272.52	1348486.90	29.5	-	mg/kg	15000	mg/kg	4.5	6
Nickel	UNKNOWN	067149	477346.84	1348570.61	29.7	-	mg/kg	15000	mg/kg	9	10.5
Nickel	RI/FS	112117	477270.90	1348424.39	33	-	mg/kg	15000	mg/kg	20	22
Nickel	RI/FS	112257	477312.86	1348636.13	33.4	J	mg/kg	15000	mg/kg	0	0.5
Nickel	RI/FS	112130	477309.74	1348528.82	34.6	-	mg/kg	15000	mg/kg	2	4
Nickel	RI/FS	112259	477350.83	1348368.24	34.6	J	mg/kg	15000	mg/kg	0	0.5
Nickel	RI/FS	112181	477395.53	1348495.36	36.7	J	mg/kg	15000	mg/kg	19	21
Nickel	RI/FS	112252	477251.96	1348341.16	37.1	J	mg/kg	15000	mg/kg	0	0.5
Nickel	RI/FS	112255	477265.40	1348609.79	39.9	J	mg/kg	15000	mg/kg	0	0.5
Nickel	RI/FS	112254	477229.95	1348473.97	40.4	J	mg/kg	15000	mg/kg	0	0.5
Nickel	RI/FS	112258	477384.73	1348571.91	41.2	J	mg/kg	15000	mg/kg	0	0.5
Nickel	UNKNOWN	067173	477272.52	1348486.90	45.7	-	mg/kg	15000	mg/kg	13.5	15
Nickel	RI/FS	112091	477270.90	1348424.39	46	-	mg/kg	15000	mg/kg	0	1.5
Nickel	RI/FS	112160	477395.53	1348495.36	52.9	J	mg/kg	15000	mg/kg	0	2
Nickel	RI/FS	112129	477309.74	1348528.82	54.2	-	mg/kg	15000	mg/kg	0	2
N-Nitrosodiphenylamine	RI/FS	112126	477270.90	1348424.39	370	U	ug/kg	51000	ug/kg	29.5	31.5
N-Nitrosodiphenylamine	RI/FS	112123	477270.90	1348424.39	380	U	ug/kg	51000	ug/kg	25.5	27.5
N-Nitrosodiphenylamine	UNKNOWN	067184	477272.52	1348486.90	390	U	ug/kg	51000	ug/kg	29	30.5
N-Nitrosodiphenylamine	RI/FS	112153	477309.74	1348528.82	390	U	ug/kg	51000	ug/kg	20	22
N-Nitrosodiphenylamine	UNKNOWN	067218	477269.05	1348361.98	400	U	ug/kg	51000	ug/kg	41.5	43
N-Nitrosodiphenylamine	RI/FS	112092	477270.90	1348424.39	400	U	ug/kg	51000	ug/kg	2	4
N-Nitrosodiphenylamine	RI/FS	112241	477170.36	1348501.23	400	UJ	ug/kg	51000	ug/kg	0	0.5
N-Nitrosodiphenylamine	UNKNOWN	067193	477269.05	1348361.98	410	U	ug/kg	51000	ug/kg	4.5	6
N-Nitrosodiphenylamine	UNKNOWN	067506	477443.68	1348419.22	410	U	ug/kg	51000	ug/kg	9.5	12
N-Nitrosodiphenylamine	RI/FS	112091	477270.90	1348424.39	410	U	ug/kg	51000	ug/kg	0	1.5
N-Nitrosodiphenylamine	RI/FS	112129	477309.74	1348528.82	410	U	ug/kg	51000	ug/kg	0	2
N-Nitrosodiphenylamine	RI/FS	112130	477309.74	1348528.82	410	U	ug/kg	51000	ug/kg	2	4
N-Nitrosodiphenylamine	RI/FS	112157	477309.74	1348528.82	410	U	ug/kg	51000	ug/kg	24	26
N-Nitrosodiphenylamine	UNKNOWN	067155	477346.84	1348570.61	420	UJ	ug/kg	51000	ug/kg	18	19.5
N-Nitrosodiphenylamine	UNKNOWN	067505	477443.68	1348419.22	420	U	ug/kg	51000	ug/kg	6	7.5
N-Nitrosodiphenylamine	UNKNOWN	067711	477250.80	1348484.51	420	U	ug/kg	51000	ug/kg	13.5	15
N-Nitrosodiphenylamine	RI/FS	112161	477395.53	1348495.36	420	U	ug/kg	51000	ug/kg	2	4
N-Nitrosodiphenylamine	RI/FS	112181	477395.53	1348495.36	420	U	ug/kg	51000	ug/kg	19	21
N-Nitrosodiphenylamine	UNKNOWN	067173	477272.52	1348486.90	430	U	ug/kg	51000	ug/kg	13.5	15
N-Nitrosodiphenylamine	UNKNOWN	067503	477443.68	1348419.22	430	U	ug/kg	51000	ug/kg	1.5	3

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**APPENDIX A
VALIDATED BELOW-FRL DATA**

Parameter	Sampling Program	Sample ID	Northing	Easting	Result	Qualifier	Units	FRL	Units	Top Depth	Bottom Depth
N-Nitrosodiphenylamine	UNKNOWN	067706	477250.80	1348484.51	430	U	ug/kg	51000	ug/kg	6	7.5
N-Nitrosodiphenylamine	RI/FS	112180	477395.53	1348495.36	430	U	ug/kg	51000	ug/kg	17	19
N-Nitrosodiphenylamine	RI/FS	112160	477395.53	1348495.36	440	U	ug/kg	51000	ug/kg	0	2
N-Nitrosodiphenylamine	RI/FS	112167	477395.53	1348495.36	440	U	ug/kg	51000	ug/kg	8	10
N-Nitrosodiphenylamine	RI/FS	112248	477224.32	1348641.68	440	U	ug/kg	51000	ug/kg	0	0.5
N-Nitrosodiphenylamine	RI/FS	112252	477251.96	1348341.16	440	U	ug/kg	51000	ug/kg	0	0.5
N-Nitrosodiphenylamine	RI/FS	112258	477384.73	1348571.91	440	U	ug/kg	51000	ug/kg	0	0.5
N-Nitrosodiphenylamine	UNKNOWN	067167	477272.52	1348486.90	450	U	ug/kg	51000	ug/kg	4.5	6
N-Nitrosodiphenylamine	UNKNOWN	067201	477269.05	1348361.98	450	U	ug/kg	51000	ug/kg	16	17.5
N-Nitrosodiphenylamine	RI/FS	112117	477270.90	1348424.39	450	U	ug/kg	51000	ug/kg	20	22
N-Nitrosodiphenylamine	RI/FS	112145	477309.74	1348528.82	450	U	ug/kg	51000	ug/kg	13	15
N-Nitrosodiphenylamine	RI/FS	112249	477353.66	1348669.64	450	U	ug/kg	51000	ug/kg	0	0.5
N-Nitrosodiphenylamine	RI/FS	112257	477312.86	1348636.13	450	U	ug/kg	51000	ug/kg	0	0.5
N-Nitrosodiphenylamine	RI/FS	112255	477265.40	1348609.79	460	U	ug/kg	51000	ug/kg	0	0.5
N-Nitrosodiphenylamine	RI/FS	112251	477414.67	1348588.29	480	U	ug/kg	51000	ug/kg	0	0.5
N-Nitrosodiphenylamine	RI/FS	112254	477229.95	1348473.97	490	U	ug/kg	51000	ug/kg	0	0.5
N-Nitrosodiphenylamine	RI/FS	112264	477204.08	1348281.83	490	U	ug/kg	51000	ug/kg	0	0.5
N-Nitrosodiphenylamine	UNKNOWN	067149	477346.84	1348570.61	500	UJ	ug/kg	51000	ug/kg	9	10.5
Pentachlorophenol	RI/FS	112092	477270.90	1348424.39	56	J	ug/kg	2300	ug/kg	2	4
Pentachlorophenol	RI/FS	112126	477270.90	1348424.39	890	U	ug/kg	2300	ug/kg	29.5	31.5
Pentachlorophenol	RI/FS	112123	477270.90	1348424.39	910	U	ug/kg	2300	ug/kg	25.5	27.5
Pentachlorophenol	RI/FS	112153	477309.74	1348528.82	960	U	ug/kg	2300	ug/kg	20	22
Pentachlorophenol	RI/FS	112157	477309.74	1348528.82	980	U	ug/kg	2300	ug/kg	24	26
Pentachlorophenol	RI/FS	112241	477170.36	1348501.23	980	U	ug/kg	2300	ug/kg	0	0.5
Pentachlorophenol	RI/FS	112091	477270.90	1348424.39	1000	U	ug/kg	2300	ug/kg	0	1.5
Pentachlorophenol	RI/FS	112129	477309.74	1348528.82	1000	U	ug/kg	2300	ug/kg	0	2
Pentachlorophenol	RI/FS	112130	477309.74	1348528.82	1000	U	ug/kg	2300	ug/kg	2	4
Pentachlorophenol	RI/FS	112161	477395.53	1348495.36	1000	U	ug/kg	2300	ug/kg	2	4
Pentachlorophenol	RI/FS	112181	477395.53	1348495.36	1000	U	ug/kg	2300	ug/kg	19	21
Pentachlorophenol	RI/FS	112180	477395.53	1348495.36	1040	U	ug/kg	2300	ug/kg	17	19
Pentachlorophenol	RI/FS	112160	477395.53	1348495.36	1070	U	ug/kg	2300	ug/kg	0	2
Pentachlorophenol	RI/FS	112167	477395.53	1348495.36	1080	U	ug/kg	2300	ug/kg	8	10
Pentachlorophenol	RI/FS	112117	477270.90	1348424.39	1100	U	ug/kg	2300	ug/kg	20	22
Pentachlorophenol	RI/FS	112145	477309.74	1348528.82	1100	U	ug/kg	2300	ug/kg	13	15
Pentachlorophenol	RI/FS	112248	477224.32	1348641.68	1100	U	ug/kg	2300	ug/kg	0	0.5

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**APPENDIX A
VALIDATED BELOW-FRL DATA**

Parameter	Sampling Program	Sample ID	Northing	Easting	Result	Qualifier	Units	FRL	Units	Top Depth	Bottom Depth
Pentachlorophenol	RI/FS	112249	477353.66	1348669.64	1100	U	ug/kg	2300	ug/kg	0	0.5
Pentachlorophenol	RI/FS	112252	477251.96	1348341.16	1100	U	ug/kg	2300	ug/kg	0	0.5
Pentachlorophenol	RI/FS	112255	477265.40	1348609.79	1100	U	ug/kg	2300	ug/kg	0	0.5
Pentachlorophenol	RI/FS	112257	477312.86	1348636.13	1100	U	ug/kg	2300	ug/kg	0	0.5
Pentachlorophenol	RI/FS	112258	477384.73	1348571.91	1100	U	ug/kg	2300	ug/kg	0	0.5
Pentachlorophenol	RI/FS	112251	477414.67	1348588.29	1200	U	ug/kg	2300	ug/kg	0	0.5
Pentachlorophenol	RI/FS	112254	477229.95	1348473.97	1200	U	ug/kg	2300	ug/kg	0	0.5
Pentachlorophenol	RI/FS	112259	477350.83	1348368.24	1200	U	ug/kg	2300	ug/kg	0	0.5
Pentachlorophenol	RI/FS	112264	477204.08	1348281.83	1200	U	ug/kg	2300	ug/kg	0	0.5
Pentachlorophenol	UNKNOWN	067184	477272.52	1348486.90	1900	U	ug/kg	2300	ug/kg	29	30.5
Pentachlorophenol	UNKNOWN	067218	477269.05	1348361.98	1900	U	ug/kg	2300	ug/kg	41.5	43
Pentachlorophenol	UNKNOWN	067155	477346.84	1348570.61	2000	UJ	ug/kg	2300	ug/kg	18	19.5
Pentachlorophenol	UNKNOWN	067193	477269.05	1348361.98	2000	U	ug/kg	2300	ug/kg	4.5	6
Pentachlorophenol	UNKNOWN	067505	477443.68	1348419.22	2000	U	ug/kg	2300	ug/kg	6	7.5
Pentachlorophenol	UNKNOWN	067506	477443.68	1348419.22	2000	U	ug/kg	2300	ug/kg	9.5	12
Pentachlorophenol	UNKNOWN	067711	477250.80	1348484.51	2000	U	ug/kg	2300	ug/kg	13.5	15
Pentachlorophenol	UNKNOWN	067173	477272.52	1348486.90	2100	U	ug/kg	2300	ug/kg	13.5	15
Pentachlorophenol	UNKNOWN	067503	477443.68	1348419.22	2100	U	ug/kg	2300	ug/kg	1.5	3
Pentachlorophenol	UNKNOWN	067706	477250.80	1348484.51	2100	U	ug/kg	2300	ug/kg	6	7.5
Pentachlorophenol	UNKNOWN	067167	477272.52	1348486.90	2200	U	ug/kg	2300	ug/kg	4.5	6
Pentachlorophenol	UNKNOWN	067201	477269.05	1348361.98	2200	U	ug/kg	2300	ug/kg	16	17.5
Plutonium-238	RI/FS	112258	477384.73	1348571.91	0.015	UJ	pCi/g	78	pCi/g	0	0.5
Plutonium-238	CIS	SL-25-016	477033.13	1348464.76	0.0215	U	pCi/g	78	pCi/g	0.17	0.5
Plutonium-238	RI/FS	112157	477309.74	1348528.82	0.031	J	pCi/g	78	pCi/g	24	26
Plutonium-238	RI/FS	112248	477224.32	1348641.68	0.0317	J	pCi/g	78	pCi/g	0	0.5
Plutonium-238	RI/FS	112249	477353.66	1348669.64	0.0351	J	pCi/g	78	pCi/g	0	0.5
Plutonium-238	RI/FS	112153	477309.74	1348528.82	0.0359	J	pCi/g	78	pCi/g	20	22
Plutonium-238	RI/FS	112251	477414.67	1348588.29	0.0363	J	pCi/g	78	pCi/g	0	0.5
Plutonium-238	RI/FS	112257	477312.86	1348636.13	0.0432	J	pCi/g	78	pCi/g	0	0.5
Plutonium-238	RI/FS	112181	477395.53	1348495.36	0.05	UJ	pCi/g	78	pCi/g	19	21
Plutonium-238	RI/FS	112126	477270.90	1348424.39	0.055	UJ	pCi/g	78	pCi/g	29.5	31.5
Plutonium-238	RI/FS	112129	477309.74	1348528.82	0.0572	J	pCi/g	78	pCi/g	0	2
Plutonium-238	RI/FS	112254	477229.95	1348473.97	0.0603	J	pCi/g	78	pCi/g	0	0.5
Plutonium-238	RI/FS	112117	477270.90	1348424.39	0.062	J	pCi/g	78	pCi/g	20	22
Plutonium-238	RI/FS	112241	477170.36	1348501.23	0.0706	J	pCi/g	78	pCi/g	0	0.5

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**APPENDIX A
VALIDATED BELOW-FRL DATA**

Parameter	Sampling Program	Sample ID	Northing	Easting	Result	Qualifier	Units	FRL	Units	Top Depth	Bottom Depth
Plutonium-238	RI/FS	112092	477270.90	1348424.39	0.081	J	pCi/g	78	pCi/g	2	4
Plutonium-238	RI/FS	112130	477309.74	1348528.82	0.0817	J	pCi/g	78	pCi/g	2	4
Plutonium-238	RI/FS	112123	477270.90	1348424.39	0.085	J	pCi/g	78	pCi/g	25.5	27.5
Plutonium-238	RI/FS	112145	477309.74	1348528.82	0.123	J	pCi/g	78	pCi/g	13	15
Plutonium-238	RI/FS	112259	477350.83	1348368.24	0.127	J	pCi/g	78	pCi/g	0	0.5
Plutonium-238	RI/FS	112264	477204.08	1348281.83	0.173	J	pCi/g	78	pCi/g	0	0.5
Plutonium-238	CIS	SL-25-014	477019.78	1348477.40	0.207	U	pCi/g	78	pCi/g	0.5	1
Plutonium-238	RI/FS	112252	477251.96	1348341.16	0.2889	J	pCi/g	78	pCi/g	0	0.5
Plutonium-238	RI/FS	112160	477395.53	1348495.36	0.3	U	pCi/g	78	pCi/g	0	2
Plutonium-238	RI/FS	112180	477395.53	1348495.36	0.3	UJ	pCi/g	78	pCi/g	17	19
Plutonium-238	RI/FS	112167	477395.53	1348495.36	0.32	U	pCi/g	78	pCi/g	8	10
Plutonium-238	RI/FS	112161	477395.53	1348495.36	0.47	U	pCi/g	78	pCi/g	2	4
Plutonium-238	UNKNOWN	007207	477164.10	1348282.64	0.6	U	pCi/g	78	pCi/g	7.5	9
Plutonium-238	UNKNOWN	007217	477506.81	1348408.24	0.6	U	pCi/g	78	pCi/g	1.5	3
Plutonium-238	UNKNOWN	007220	477506.81	1348408.24	0.6	U	pCi/g	78	pCi/g	1.5	3
Plutonium-238	UNKNOWN	007280	477049.86	1348603.06	0.6	U	pCi/g	78	pCi/g	0	1.5
Plutonium-238	UNKNOWN	007293	477049.86	1348603.06	0.6	U	pCi/g	78	pCi/g	40	41.5
Plutonium-238	UNKNOWN	008948	477159.31	1348291.63	0.6	UJ	pCi/g	78	pCi/g	35	36.5
Plutonium-238	UNKNOWN	011010	477029.41	1348531.10	0.6	U	pCi/g	78	pCi/g		
Plutonium-238	UNKNOWN	020498	477509.58	1348397.57	0.6	UJ	pCi/g	78	pCi/g	65	66.5
Plutonium-238	UNKNOWN	032609	477168.80	1348273.00	0.6	U	pCi/g	78	pCi/g	105	106.5
Plutonium-238	UNKNOWN	067146	477346.84	1348570.61	0.6	U	pCi/g	78	pCi/g	4.5	6
Plutonium-238	UNKNOWN	067148	477346.84	1348570.61	0.6	UJ	pCi/g	78	pCi/g	7.5	9
Plutonium-238	UNKNOWN	067153	477346.84	1348570.61	0.6	U	pCi/g	78	pCi/g	15	16.5
Plutonium-238	UNKNOWN	067154	477346.84	1348570.61	0.6	UJ	pCi/g	78	pCi/g	16.5	18
Plutonium-238	UNKNOWN	067156	477346.84	1348570.61	0.6	UJ	pCi/g	78	pCi/g	19.5	21
Plutonium-238	UNKNOWN	067166	477272.52	1348486.90	0.6	UJ	pCi/g	78	pCi/g	3	4.5
Plutonium-238	UNKNOWN	067172	477272.52	1348486.90	0.6	UJ	pCi/g	78	pCi/g	12	13.5
Plutonium-238	UNKNOWN	067182	477272.52	1348486.90	0.6	UJ	pCi/g	78	pCi/g	26	27.5
Plutonium-238	UNKNOWN	067192	477269.05	1348361.98	0.6	UJ	pCi/g	78	pCi/g	3	4.5
Plutonium-238	UNKNOWN	067200	477269.05	1348361.98	0.6	UJ	pCi/g	78	pCi/g	14.5	16
Plutonium-238	UNKNOWN	067217	477269.05	1348361.98	0.6	UJ	pCi/g	78	pCi/g	40	41.5
Plutonium-238	UNKNOWN	067503	477443.68	1348419.22	0.6	UJ	pCi/g	78	pCi/g	1.5	3
Plutonium-238	UNKNOWN	067505	477443.68	1348419.22	0.6	UJ	pCi/g	78	pCi/g	6	7.5
Plutonium-238	UNKNOWN	067506	477443.68	1348419.22	0.6	UJ	pCi/g	78	pCi/g	9.5	12

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**APPENDIX A
VALIDATED BELOW-FRL DATA**

Parameter	Sampling Program	Sample ID	Northing	Easting	Result	Qualifier	Units	FRL	Units	Top Depth	Bottom Depth
Plutonium-238	RI/FS	112255	477265.40	1348609.79	1.29	U	pCi/g	78	pCi/g	0	0.5
Plutonium-239/240	RI/FS	112251	477414.67	1348588.29	0.0109	J	pCi/g	77	pCi/g	0	0.5
Plutonium-239/240	RI/FS	112117	477270.90	1348424.39	0.017	J	pCi/g	77	pCi/g	20	22
Plutonium-239/240	RI/FS	112181	477395.53	1348495.36	0.02	UJ	pCi/g	77	pCi/g	19	21
Plutonium-239/240	RI/FS	112254	477229.95	1348473.97	0.02	UJ	pCi/g	77	pCi/g	0	0.5
Plutonium-239/240	RI/FS	112129	477309.74	1348528.82	0.0215	UJ	pCi/g	77	pCi/g	0	2
Plutonium-239/240	RI/FS	112258	477384.73	1348571.91	0.022	J	pCi/g	77	pCi/g	0	0.5
Plutonium-239/240	RI/FS	112153	477309.74	1348528.82	0.0247	UJ	pCi/g	77	pCi/g	20	22
Plutonium-239/240	RI/FS	112123	477270.90	1348424.39	0.027	J	pCi/g	77	pCi/g	25.5	27.5
Plutonium-239/240	RI/FS	112092	477270.90	1348424.39	0.028	UJ	pCi/g	77	pCi/g	2	4
Plutonium-239/240	RI/FS	112249	477353.66	1348669.64	0.0297	J	pCi/g	77	pCi/g	0	0.5
Plutonium-239/240	RI/FS	112255	477265.40	1348609.79	0.0303	UJ	pCi/g	77	pCi/g	0	0.5
Plutonium-239/240	RI/FS	112157	477309.74	1348528.82	0.0306	UJ	pCi/g	77	pCi/g	24	26
Plutonium-239/240	RI/FS	112248	477224.32	1348641.68	0.0408	J	pCi/g	77	pCi/g	0	0.5
Plutonium-239/240	CIS	SL-25-016	477033.13	1348464.76	0.043	U	pCi/g	77	pCi/g	0.17	0.5
Plutonium-239/240	RI/FS	112130	477309.74	1348528.82	0.0483	J	pCi/g	77	pCi/g	2	4
Plutonium-239/240	RI/FS	112145	477309.74	1348528.82	0.0527	UJ	pCi/g	77	pCi/g	13	15
Plutonium-239/240	RI/FS	112126	477270.90	1348424.39	0.06	J	pCi/g	77	pCi/g	29.5	31.5
Plutonium-239/240	RI/FS	112259	477350.83	1348368.24	0.07	UJ	pCi/g	77	pCi/g	0	0.5
Plutonium-239/240	RI/FS	112264	477204.08	1348281.83	0.0754	J	pCi/g	77	pCi/g	0	0.5
Plutonium-239/240	RI/FS	112241	477170.36	1348501.23	0.0994	J	pCi/g	77	pCi/g	0	0.5
Plutonium-239/240	RI/FS	112167	477395.53	1348495.36	0.11	J	pCi/g	77	pCi/g	8	10
Plutonium-239/240	RI/FS	112160	477395.53	1348495.36	0.12	J	pCi/g	77	pCi/g	0	2
Plutonium-239/240	RI/FS	112252	477251.96	1348341.16	0.1241	J	pCi/g	77	pCi/g	0	0.5
Plutonium-239/240	CIS	SL-25-014	477019.78	1348477.40	0.155	U	pCi/g	77	pCi/g	0.5	1
Plutonium-239/240	RI/FS	112180	477395.53	1348495.36	0.3	UJ	pCi/g	77	pCi/g	17	19
Plutonium-239/240	RI/FS	112257	477312.86	1348636.13	0.371	UJ	pCi/g	77	pCi/g	0	0.5
Plutonium-239/240	UNKNOWN	007207	477164.10	1348282.64	0.6	U	pCi/g	77	pCi/g	7.5	9
Plutonium-239/240	UNKNOWN	007217	477506.81	1348408.24	0.6	U	pCi/g	77	pCi/g	1.5	3
Plutonium-239/240	UNKNOWN	007220	477506.81	1348408.24	0.6	U	pCi/g	77	pCi/g	1.5	3
Plutonium-239/240	UNKNOWN	007280	477049.86	1348603.06	0.6	U	pCi/g	77	pCi/g	0	1.5
Plutonium-239/240	UNKNOWN	007293	477049.86	1348603.06	0.6	U	pCi/g	77	pCi/g	40	41.5
Plutonium-239/240	UNKNOWN	008948	477159.31	1348291.63	0.6	UJ	pCi/g	77	pCi/g	35	36.5
Plutonium-239/240	UNKNOWN	011010	477029.41	1348531.10	0.6	U	pCi/g	77	pCi/g		
Plutonium-239/240	UNKNOWN	020498	477509.58	1348397.57	0.6	UJ	pCi/g	77	pCi/g	65	66.5

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**APPENDIX A
VALIDATED BELOW-FRL DATA**

Parameter	Sampling Program	Sample ID	Northing	Easting	Result	Qualifier	Units	FRL	Units	Top Depth	Bottom Depth
Plutonium-239/240	UNKNOWN	032609	477168.80	1348273.00	0.6	U	pCi/g	77	pCi/g	105	106.5
Plutonium-239/240	UNKNOWN	067146	477346.84	1348570.61	0.6	U	pCi/g	77	pCi/g	4.5	6
Plutonium-239/240	UNKNOWN	067148	477346.84	1348570.61	0.6	U	pCi/g	77	pCi/g	7.5	9
Plutonium-239/240	UNKNOWN	067153	477346.84	1348570.61	0.6	U	pCi/g	77	pCi/g	15	16.5
Plutonium-239/240	UNKNOWN	067154	477346.84	1348570.61	0.6	U	pCi/g	77	pCi/g	16.5	18
Plutonium-239/240	UNKNOWN	067156	477346.84	1348570.61	0.6	U	pCi/g	77	pCi/g	19.5	21
Plutonium-239/240	UNKNOWN	067217	477269.05	1348361.98	0.6	U	pCi/g	77	pCi/g	40	41.5
Plutonium-239/240	RI/FS	112161	477395.53	1348495.36	0.86	U	pCi/g	77	pCi/g	2	4
Radium-226	UNKNOWN	007207	477164.10	1348282.64	0.4	UJ	pCi/g	1.7	pCi/g	7.5	9
Radium-226	UNKNOWN	007293	477049.86	1348603.06	0.4	J	pCi/g	1.7	pCi/g	40	41.5
Radium-226	UNKNOWN	008948	477159.31	1348291.63	0.4	J	pCi/g	1.7	pCi/g	35	36.5
Radium-226	UNKNOWN	011010	477029.41	1348531.10	0.4	J	pCi/g	1.7	pCi/g		
Radium-226	UNKNOWN	067506	477443.68	1348419.22	0.47	J	pCi/g	1.7	pCi/g	9.5	12
Radium-226	UNKNOWN	007220	477506.81	1348408.24	0.5	J	pCi/g	1.7	pCi/g	1.5	3
Radium-226	UNKNOWN	032609	477168.80	1348273.00	0.594	J	pCi/g	1.7	pCi/g	105	106.5
Radium-226	REMEDIAL ACTION	AFP-B-C-11-R	477106.99	1348444.00	0.68	J	pCi/g	1.7	pCi/g	1	1.5
Radium-226	REMEDIAL ACTION	AFP-B-C-5-R	477021.52	1348521.61	0.69	J	pCi/g	1.7	pCi/g	1	1.5
Radium-226	REMEDIAL ACTION	AFP-B-C-11-R-D	477106.99	1348444.00	0.75	J	pCi/g	1.7	pCi/g	1	1.5
Radium-226	UNKNOWN	067182	477272.52	1348486.90	0.76	J	pCi/g	1.7	pCi/g	26	27.5
Radium-226	REMEDIAL ACTION	AFP-B-C-3-R	477085.99	1348436.00	0.83	J	pCi/g	1.7	pCi/g	1	1.5
Radium-226	REMEDIAL ACTION	AFP-B-C-1-R	477090.99	1348394.00	0.84	J	pCi/g	1.7	pCi/g	1	1.5
Radium-226	UNKNOWN	007217	477506.81	1348408.24	0.9	J	pCi/g	1.7	pCi/g	1.5	3
Radium-226	REMEDIAL ACTION	AFP-B-C-10-R	477141.99	1348424.00	0.91	J	pCi/g	1.7	pCi/g	1	1.5
Radium-226	RI/FS	112126	477270.90	1348424.39	0.912	-	pCi/g	1.7	pCi/g	29.5	31.5
Radium-226	RI/FS	112123	477270.90	1348424.39	0.959	-	pCi/g	1.7	pCi/g	25.5	27.5
Radium-226	REMEDIAL ACTION	AFP-B-C-9-R	477136.99	1348393.00	0.97	J	pCi/g	1.7	pCi/g	1	1.5
Radium-226	REMEDIAL ACTION	AFP-B-C-2-R	477051.76	1348425.25	0.99	J	pCi/g	1.7	pCi/g	1	1.5
Radium-226	RI/FS	112157	477309.74	1348528.82	1.07	-	pCi/g	1.7	pCi/g	24	26
Radium-226	REMEDIAL ACTION	AFP-B-C-15-R	477111.99	1348569.00	1.1	J	pCi/g	1.7	pCi/g	1	1.5
Radium-226	REMEDIAL ACTION	AFP-B-C-16-R	477086.99	1348590.00	1.1	J	pCi/g	1.7	pCi/g	1	1.5
Radium-226	REMEDIAL ACTION	AFP-B-C-6-R	477067.99	1348537.00	1.1	J	pCi/g	1.7	pCi/g	1	1.5
Radium-226	REMEDIAL ACTION	AFP-B-C-7-R	477039.99	1348574.00	1.1	J	pCi/g	1.7	pCi/g	1	1.5
Radium-226	UNKNOWN	067217	477269.05	1348361.98	1.13	J	pCi/g	1.7	pCi/g	40	41.5
Radium-226	RI/FS	112181	477395.53	1348495.36	1.14	-	pCi/g	1.7	pCi/g	19	21
Radium-226	RI/FS	112153	477309.74	1348528.82	1.15	-	pCi/g	1.7	pCi/g	20	22

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**APPENDIX A
VALIDATED BELOW-FRL DATA**

Parameter	Sampling Program	Sample ID	Northing	Easting	Result	Qualifier	Units	FRL	Units	Top Depth	Bottom Depth
Radium-226	REMEDIAL ACTION	AFP-B-C-12-R	477102.99	1348488.00	1.2	J	pCi/g	1.7	pCi/g	1	1.5
Radium-226	REMEDIAL ACTION	AFP-B-C-13-R	477107.99	1348511.00	1.2	J	pCi/g	1.7	pCi/g	1	1.5
Radium-226	REMEDIAL ACTION	AFP-B-C-14-R	477120.99	1348529.00	1.2	J	pCi/g	1.7	pCi/g	1	1.5
Radium-226	REMEDIAL ACTION	AFP-B-C-4-R	477044.99	1348490.00	1.2	J	pCi/g	1.7	pCi/g	1	1.5
Radium-226	UNKNOWN	009044	477482.35	1348281.12	1.24	J	pCi/g	1.7	pCi/g	0	0.5
Radium-226	RI/FS	112241	477170.36	1348501.23	1.3	-	pCi/g	1.7	pCi/g	0	0.5
Radium-226	RI/FS	112248	477224.32	1348641.68	1.38	-	pCi/g	1.7	pCi/g	0	0.5
Radium-226	UNKNOWN	007280	477049.86	1348603.06	1.4	J	pCi/g	1.7	pCi/g	0	1.5
Radium-226	UNKNOWN	067156	477346.84	1348570.61	1.45	J	pCi/g	1.7	pCi/g	19.5	21
Radium-228	UNKNOWN	007293	477049.86	1348603.06	0.5	UJ	pCi/g	1.8	pCi/g	40	41.5
Radium-228	UNKNOWN	008948	477159.31	1348291.63	0.5	UJ	pCi/g	1.8	pCi/g	35	36.5
Radium-228	UNKNOWN	011010	477029.41	1348531.10	0.5	UJ	pCi/g	1.8	pCi/g		
Radium-228	UNKNOWN	032609	477168.80	1348273.00	0.537	J	pCi/g	1.8	pCi/g	105	106.5
Radium-228	UNKNOWN	067182	477272.52	1348486.90	0.56	J	pCi/g	1.8	pCi/g	26	27.5
Radium-228	UNKNOWN	007220	477506.81	1348408.24	0.6	J	pCi/g	1.8	pCi/g	1.5	3
Radium-228	UNKNOWN	067506	477443.68	1348419.22	0.74	J	pCi/g	1.8	pCi/g	9.5	12
Radium-228	RI/FS	112126	477270.90	1348424.39	0.748	-	pCi/g	1.8	pCi/g	29.5	31.5
Radium-228	RI/FS	112123	477270.90	1348424.39	0.8	-	pCi/g	1.8	pCi/g	25.5	27.5
Radium-228	UNKNOWN	067217	477269.05	1348361.98	0.82	J	pCi/g	1.8	pCi/g	40	41.5
Radium-228	RI/FS	112181	477395.53	1348495.36	0.9	-	pCi/g	1.8	pCi/g	19	21
Radium-228	RI/FS	112241	477170.36	1348501.23	1.01	-	pCi/g	1.8	pCi/g	0	0.5
Radium-228	UNKNOWN	067156	477346.84	1348570.61	1.04	J	pCi/g	1.8	pCi/g	19.5	21
Radium-228	RI/FS	112157	477309.74	1348528.82	1.06	-	pCi/g	1.8	pCi/g	24	26
Radium-228	RI/FS	112153	477309.74	1348528.82	1.07	-	pCi/g	1.8	pCi/g	20	22
Radium-228	UNKNOWN	009044	477482.35	1348281.12	1.08	J	pCi/g	1.8	pCi/g	0	0.5
Radium-228	UNKNOWN	007280	477049.86	1348603.06	1.1	J	pCi/g	1.8	pCi/g	0	1.5
Radium-228	UNKNOWN	007217	477506.81	1348408.24	1.2	J	pCi/g	1.8	pCi/g	1.5	3
Radium-228	RI/FS	112248	477224.32	1348641.68	1.29	-	pCi/g	1.8	pCi/g	0	0.5
Radium-228	RI/FS	112180	477395.53	1348495.36	1.33	-	pCi/g	1.8	pCi/g	17	19
Radium-228	RI/FS	112249	477353.66	1348669.64	1.67	-	pCi/g	1.8	pCi/g	0	0.5
Selenium	RI/FS	112126	477270.90	1348424.39	0.22	UJ	mg/kg	5400	mg/kg	29.5	31.5
Selenium	RI/FS	112153	477309.74	1348528.82	0.23	UJ	mg/kg	5400	mg/kg	20	22
Selenium	UNKNOWN	067506	477443.68	1348419.22	0.33	UJ	mg/kg	5400	mg/kg	9.5	12
Selenium	RI/FS	112181	477395.53	1348495.36	0.36	U	mg/kg	5400	mg/kg	19	21
Selenium	RI/FS	112180	477395.53	1348495.36	0.38	U	mg/kg	5400	mg/kg	17	19

**APPENDIX A
VALIDATED BELOW-FRL DATA**

Parameter	Sampling Program	Sample ID	Northing	Easting	Result	Qualifier	Units	FRL	Units	Top Depth	Bottom Depth
Selenium	RI/FS	112157	477309.74	1348528.82	0.4	UJ	mg/kg	5400	mg/kg	24	26
Selenium	CIS	PS-25-009	477032.62	1348465.24	0.4	UJ	mg/kg	5400	mg/kg		
Selenium	UNKNOWN	067184	477272.52	1348486.90	0.43	U	mg/kg	5400	mg/kg	29	30.5
Selenium	UNKNOWN	067155	477346.84	1348570.61	0.47	UJ	mg/kg	5400	mg/kg	18	19.5
Selenium	UNKNOWN	067505	477443.68	1348419.22	0.85	J	mg/kg	5400	mg/kg	6	7.5
Selenium	RI/FS	112241	477170.36	1348501.23	0.93	UJ	mg/kg	5400	mg/kg	0	0.5
Selenium	RI/FS	112248	477224.32	1348641.68	0.94	UJ	mg/kg	5400	mg/kg	0	0.5
Selenium	UNKNOWN	067193	477269.05	1348361.98	1.6	-	mg/kg	5400	mg/kg	4.5	6
Selenium	RI/FS	112249	477353.66	1348669.64	1.9	J	mg/kg	5400	mg/kg	0	0.5
Selenium	UNKNOWN	067201	477269.05	1348361.98	2.1	-	mg/kg	5400	mg/kg	16	17.5
Selenium	RI/FS	112161	477395.53	1348495.36	2.2	U	mg/kg	5400	mg/kg	2	4
Selenium	UNKNOWN	067218	477269.05	1348361.98	2.3	-	mg/kg	5400	mg/kg	41.5	43
Selenium	UNKNOWN	067503	477443.68	1348419.22	2.3	J	mg/kg	5400	mg/kg	1.5	3
Selenium	RI/FS	112130	477309.74	1348528.82	2.5	J	mg/kg	5400	mg/kg	2	4
Selenium	RI/FS	112092	477270.90	1348424.39	2.7	-	mg/kg	5400	mg/kg	2	4
Selenium	RI/FS	112160	477395.53	1348495.36	2.8	U	mg/kg	5400	mg/kg	0	2
Selenium	RI/FS	112117	477270.90	1348424.39	3.2	-	mg/kg	5400	mg/kg	20	22
Selenium	RI/FS	112129	477309.74	1348528.82	3.3	J	mg/kg	5400	mg/kg	0	2
Selenium	RI/FS	112145	477309.74	1348528.82	3.3	J	mg/kg	5400	mg/kg	13	15
Selenium	UNKNOWN	067173	477272.52	1348486.90	3.4	-	mg/kg	5400	mg/kg	13.5	15
Selenium	RI/FS	112252	477251.96	1348341.16	3.5	-	mg/kg	5400	mg/kg	0	0.5
Selenium	RI/FS	112251	477414.67	1348588.29	3.6	J	mg/kg	5400	mg/kg	0	0.5
Selenium	RI/FS	112123	477270.90	1348424.39	3.7	-	mg/kg	5400	mg/kg	25.5	27.5
Selenium	RI/FS	112258	477384.73	1348571.91	4.1	-	mg/kg	5400	mg/kg	0	0.5
Selenium	RI/FS	112257	477312.86	1348636.13	4.4	-	mg/kg	5400	mg/kg	0	0.5
Selenium	RI/FS	112259	477350.83	1348368.24	4.9	-	mg/kg	5400	mg/kg	0	0.5
Selenium	UNKNOWN	067167	477272.52	1348486.90	5.5	-	mg/kg	5400	mg/kg	4.5	6
Selenium	RI/FS	112255	477265.40	1348609.79	6.7	-	mg/kg	5400	mg/kg	0	0.5
Selenium	RI/FS	112254	477229.95	1348473.97	7.8	-	mg/kg	5400	mg/kg	0	0.5
Selenium	RI/FS	112264	477204.08	1348281.83	9.6	-	mg/kg	5400	mg/kg	0	0.5
Selenium	UNKNOWN	067149	477346.84	1348570.61	10.2	J	mg/kg	5400	mg/kg	9	10.5
Selenium	RI/FS	112091	477270.90	1348424.39	10.3	-	mg/kg	5400	mg/kg	0	1.5
Selenium	RI/FS	112167	477395.53	1348495.36	11.4	-	mg/kg	5400	mg/kg	8	10
Silver	RI/FS	112126	477270.90	1348424.39	0.43	U	mg/kg	29000	mg/kg	29.5	31.5
Silver	RI/FS	112123	477270.90	1348424.39	0.46	U	mg/kg	29000	mg/kg	25.5	27.5

000102

**APPENDIX A
VALIDATED BELOW-FRL DATA**

Parameter	Sampling Program	Sample ID	Northing	Easting	Result	Qualifier	Units	FRL	Units	Top Depth	Bottom Depth
Silver	RI/FS	112241	477170.36	1348501.23	0.47	U	mg/kg	29000	mg/kg	0	0.5
Silver	RI/FS	112153	477309.74	1348528.82	0.48	U	mg/kg	29000	mg/kg	20	22
Silver	RI/FS	112157	477309.74	1348528.82	0.48	U	mg/kg	29000	mg/kg	24	26
Silver	RI/FS	112130	477309.74	1348528.82	0.49	U	mg/kg	29000	mg/kg	2	4
Silver	RI/FS	112092	477270.90	1348424.39	0.5	U	mg/kg	29000	mg/kg	2	4
Silver	RI/FS	112129	477309.74	1348528.82	0.5	U	mg/kg	29000	mg/kg	0	2
Silver	RI/FS	112248	477224.32	1348641.68	0.51	U	mg/kg	29000	mg/kg	0	0.5
Silver	RI/FS	112091	477270.90	1348424.39	0.52	U	mg/kg	29000	mg/kg	0	1.5
Silver	RI/FS	112249	477353.66	1348669.64	0.52	U	mg/kg	29000	mg/kg	0	0.5
Silver	RI/FS	112117	477270.90	1348424.39	0.55	U	mg/kg	29000	mg/kg	20	22
Silver	RI/FS	112145	477309.74	1348528.82	0.57	U	mg/kg	29000	mg/kg	13	15
Silver	RI/FS	112251	477414.67	1348588.29	0.6	U	mg/kg	29000	mg/kg	0	0.5
Silver	CIS	PS-25-009	477032.62	1348465.24	1.4	UJ	mg/kg	29000	mg/kg		
Silver	RI/FS	112252	477251.96	1348341.16	2.1	U	mg/kg	29000	mg/kg	0	0.5
Silver	UNKNOWN	067155	477346.84	1348570.61	2.3	UJ	mg/kg	29000	mg/kg	18	19.5
Silver	UNKNOWN	067193	477269.05	1348361.98	2.3	U	mg/kg	29000	mg/kg	4.5	6
Silver	RI/FS	112257	477312.86	1348636.13	2.4	U	mg/kg	29000	mg/kg	0	0.5
Silver	UNKNOWN	067173	477272.52	1348486.90	2.5	UJ	mg/kg	29000	mg/kg	13.5	15
Silver	UNKNOWN	067503	477443.68	1348419.22	2.5	UJ	mg/kg	29000	mg/kg	1.5	3
Silver	UNKNOWN	067505	477443.68	1348419.22	2.5	UJ	mg/kg	29000	mg/kg	6	7.5
Silver	RI/FS	112161	477395.53	1348495.36	2.5	UJ	mg/kg	29000	mg/kg	2	4
Silver	UNKNOWN	067167	477272.52	1348486.90	2.6	UJ	mg/kg	29000	mg/kg	4.5	6
Silver	UNKNOWN	067201	477269.05	1348361.98	2.6	U	mg/kg	29000	mg/kg	16	17.5
Silver	RI/FS	112258	477384.73	1348571.91	2.6	U	mg/kg	29000	mg/kg	0	0.5
Silver	RI/FS	112167	477395.53	1348495.36	2.7	UJ	mg/kg	29000	mg/kg	8	10
Silver	RI/FS	112255	477265.40	1348609.79	2.7	U	mg/kg	29000	mg/kg	0	0.5
Silver	UNKNOWN	067149	477346.84	1348570.61	2.8	UJ	mg/kg	29000	mg/kg	9	10.5
Silver	RI/FS	112264	477204.08	1348281.83	2.8	U	mg/kg	29000	mg/kg	0	0.5
Silver	RI/FS	112259	477350.83	1348368.24	2.9	U	mg/kg	29000	mg/kg	0	0.5
Silver	RI/FS	112254	477229.95	1348473.97	3.4	-	mg/kg	29000	mg/kg	0	0.5
Silver	RI/FS	112160	477395.53	1348495.36	4.7	J	mg/kg	29000	mg/kg	0	2
Silver	UNKNOWN	067218	477269.05	1348361.98	6.6	-	mg/kg	29000	mg/kg	41.5	43
Silver	RI/FS	112180	477395.53	1348495.36	10.7	J	mg/kg	29000	mg/kg	17	19
Silver	UNKNOWN	067506	477443.68	1348419.22	11.9	-	mg/kg	29000	mg/kg	9.5	12
Silver	RI/FS	112181	477395.53	1348495.36	14.1	J	mg/kg	29000	mg/kg	19	21

**APPENDIX A
VALIDATED BELOW-FRL DATA**

Parameter	Sampling Program	Sample ID	Northing	Easting	Result	Qualifier	Units	FRL	Units	Top Depth	Bottom Depth
Silver	UNKNOWN	067184	477272.52	1348486.90	18.5	-	mg/kg	29000	mg/kg	29	30.5
Strontium-90	RI/FS	112249	477353.66	1348669.64	0.153	UJ	pCi/g	14	pCi/g	0	0.5
Strontium-90	RI/FS	112248	477224.32	1348641.68	0.156	UJ	pCi/g	14	pCi/g	0	0.5
Strontium-90	RI/FS	112153	477309.74	1348528.82	0.157	UJ	pCi/g	14	pCi/g	20	22
Strontium-90	RI/FS	112145	477309.74	1348528.82	0.171	UJ	pCi/g	14	pCi/g	13	15
Strontium-90	RI/FS	112157	477309.74	1348528.82	0.171	UJ	pCi/g	14	pCi/g	24	26
Strontium-90	RI/FS	112123	477270.90	1348424.39	0.178	UJ	pCi/g	14	pCi/g	25.5	27.5
Strontium-90	RI/FS	112167	477395.53	1348495.36	0.18	UJ	pCi/g	14	pCi/g	8	10
Strontium-90	RI/FS	112126	477270.90	1348424.39	0.197	UJ	pCi/g	14	pCi/g	29.5	31.5
Strontium-90	RI/FS	112130	477309.74	1348528.82	0.198	UJ	pCi/g	14	pCi/g	2	4
Strontium-90	RI/FS	112181	477395.53	1348495.36	0.21	UJ	pCi/g	14	pCi/g	19	21
Strontium-90	RI/FS	112251	477414.67	1348588.29	0.214	J	pCi/g	14	pCi/g	0	0.5
Strontium-90	CIS	SL-25-014	477019.78	1348477.40	0.22	U	pCi/g	14	pCi/g	0.5	1
Strontium-90	RI/FS	112241	477170.36	1348501.23	0.227	J	pCi/g	14	pCi/g	0	0.5
Strontium-90	CIS	SL-25-016	477033.13	1348464.76	0.23	U	pCi/g	14	pCi/g	0.17	0.5
Strontium-90	RI/FS	112264	477204.08	1348281.83	0.245	UJ	pCi/g	14	pCi/g	0	0.5
Strontium-90	RI/FS	112117	477270.90	1348424.39	0.248	UJ	pCi/g	14	pCi/g	20	22
Strontium-90	RI/FS	112091	477270.90	1348424.39	0.255	UJ	pCi/g	14	pCi/g	0	1.5
Strontium-90	RI/FS	112258	477384.73	1348571.91	0.281	UJ	pCi/g	14	pCi/g	0	0.5
Strontium-90	RI/FS	112259	477350.83	1348368.24	0.293	UJ	pCi/g	14	pCi/g	0	0.5
Strontium-90	RI/FS	112129	477309.74	1348528.82	0.324	UJ	pCi/g	14	pCi/g	0	2
Strontium-90	RI/FS	112255	477265.40	1348609.79	0.386	J	pCi/g	14	pCi/g	0	0.5
Strontium-90	RI/FS	112180	477395.53	1348495.36	0.4	UJ	pCi/g	14	pCi/g	17	19
Strontium-90	UNKNOWN	007280	477049.86	1348603.06	0.5	UJ	pCi/g	14	pCi/g	0	1.5
Strontium-90	UNKNOWN	007293	477049.86	1348603.06	0.5	UJ	pCi/g	14	pCi/g	40	41.5
Strontium-90	UNKNOWN	008948	477159.31	1348291.63	0.5	-	pCi/g	14	pCi/g	35	36.5
Strontium-90	UNKNOWN	011010	477029.41	1348531.10	0.5	U	pCi/g	14	pCi/g		
Strontium-90	UNKNOWN	020498	477509.58	1348397.57	0.5	U	pCi/g	14	pCi/g	65	66.5
Strontium-90	UNKNOWN	067505	477443.68	1348419.22	0.5	U	pCi/g	14	pCi/g	6	7.5
Strontium-90	UNKNOWN	067506	477443.68	1348419.22	0.6	U	pCi/g	14	pCi/g	9.5	12
Strontium-90	RI/FS	112161	477395.53	1348495.36	0.65	J	pCi/g	14	pCi/g	2	4
Strontium-90	UNKNOWN	067182	477272.52	1348486.90	0.7	J	pCi/g	14	pCi/g	26	27.5
Strontium-90	RI/FS	112092	477270.90	1348424.39	0.705	-	pCi/g	14	pCi/g	2	4
Strontium-90	RI/FS	112160	477395.53	1348495.36	0.76	J	pCi/g	14	pCi/g	0	2
Strontium-90	UNKNOWN	067146	477346.84	1348570.61	0.9	U	pCi/g	14	pCi/g	4.5	6

000104

**APPENDIX A
VALIDATED BELOW-FRL DATA**

Parameter	Sampling Program	Sample ID	Northing	Easting	Result	Qualifier	Units	FRL	Units	Top Depth	Bottom Depth
Strontium-90	UNKNOWN	067153	477346.84	1348570.61	0.9	U	pCi/g	14	pCi/g	15	16.5
Strontium-90	UNKNOWN	067166	477272.52	1348486.90	1.01	J	pCi/g	14	pCi/g	3	4.5
Strontium-90	UNKNOWN	067172	477272.52	1348486.90	1.09	J	pCi/g	14	pCi/g	12	13.5
Strontium-90	UNKNOWN	067154	477346.84	1348570.61	1.16	J	pCi/g	14	pCi/g	16.5	18
Strontium-90	UNKNOWN	007207	477164.10	1348282.64	1.2	-	pCi/g	14	pCi/g	7.5	9
Strontium-90	UNKNOWN	067156	477346.84	1348570.61	1.21	J	pCi/g	14	pCi/g	19.5	21
Strontium-90	UNKNOWN	067200	477269.05	1348361.98	1.27	J	pCi/g	14	pCi/g	14.5	16
Strontium-90	UNKNOWN	067148	477346.84	1348570.61	1.37	-	pCi/g	14	pCi/g	7.5	9
Strontium-90	UNKNOWN	067503	477443.68	1348419.22	1.4	-	pCi/g	14	pCi/g	1.5	3
Strontium-90	UNKNOWN	067192	477269.05	1348361.98	1.53	J	pCi/g	14	pCi/g	3	4.5
Strontium-90	RI/FS	112257	477312.86	1348636.13	1.73	J	pCi/g	14	pCi/g	0	0.5
Strontium-90	UNKNOWN	067217	477269.05	1348361.98	3.61	-	pCi/g	14	pCi/g	40	41.5
Strontium-90	RI/FS	112252	477251.96	1348341.16	4.24	J	pCi/g	14	pCi/g	0	0.5
Strontium-90	RI/FS	112254	477229.95	1348473.97	4.47	J	pCi/g	14	pCi/g	0	0.5
Technetium-99	RI/FS	112251	477414.67	1348588.29	0.296	UJ	pCi/g	30	pCi/g	0	0.5
Technetium-99	RI/FS	112248	477224.32	1348641.68	0.298	UJ	pCi/g	30	pCi/g	0	0.5
Technetium-99	RI/FS	112249	477353.66	1348669.64	0.31	UJ	pCi/g	30	pCi/g	0	0.5
Technetium-99	RI/FS	112157	477309.74	1348528.82	0.338	UJ	pCi/g	30	pCi/g	24	26
Technetium-99	RI/FS	112259	477350.83	1348368.24	0.35	UJ	pCi/g	30	pCi/g	0	0.5
Technetium-99	RI/FS	112264	477204.08	1348281.83	0.353	UJ	pCi/g	30	pCi/g	0	0.5
Technetium-99	RI/FS	112252	477251.96	1348341.16	0.36	UJ	pCi/g	30	pCi/g	0	0.5
Technetium-99	RI/FS	112181	477395.53	1348495.36	0.37	UJ	pCi/g	30	pCi/g	19	21
Technetium-99	RI/FS	112258	477384.73	1348571.91	0.376	UJ	pCi/g	30	pCi/g	0	0.5
Technetium-99	RI/FS	112167	477395.53	1348495.36	0.38	UJ	pCi/g	30	pCi/g	8	10
Technetium-99	RI/FS	112254	477229.95	1348473.97	0.38	UJ	pCi/g	30	pCi/g	0	0.5
Technetium-99	RI/FS	112153	477309.74	1348528.82	0.388	UJ	pCi/g	30	pCi/g	20	22
Technetium-99	RI/FS	112257	477312.86	1348636.13	0.396	UJ	pCi/g	30	pCi/g	0	0.5
Technetium-99	RI/FS	112180	477395.53	1348495.36	0.4	UJ	pCi/g	30	pCi/g	17	19
Technetium-99	RI/FS	112161	477395.53	1348495.36	0.41	UJ	pCi/g	30	pCi/g	2	4
Technetium-99	RI/FS	112129	477309.74	1348528.82	0.414	UJ	pCi/g	30	pCi/g	0	2
Technetium-99	RI/FS	112130	477309.74	1348528.82	0.426	UJ	pCi/g	30	pCi/g	2	4
Technetium-99	RI/FS	112255	477265.40	1348609.79	0.429	UJ	pCi/g	30	pCi/g	0	0.5
Technetium-99	RI/FS	112145	477309.74	1348528.82	0.451	UJ	pCi/g	30	pCi/g	13	15
Technetium-99	RI/FS	112160	477395.53	1348495.36	0.46	UJ	pCi/g	30	pCi/g	0	2
Technetium-99	RI/FS	112126	477270.90	1348424.39	0.498	UJ	pCi/g	30	pCi/g	29.5	31.5

**APPENDIX A
VALIDATED BELOW-FRL DATA**

Parameter	Sampling Program	Sample ID	Northing	Easting	Result	Qualifier	Units	FRL	Units	Top Depth	Bottom Depth
Technetium-99	RI/FS	112092	477270.90	1348424.39	0.514	UJ	pCi/g	30	pCi/g	2	4
Technetium-99	RI/FS	112117	477270.90	1348424.39	0.522	UJ	pCi/g	30	pCi/g	20	22
Technetium-99	RI/FS	112123	477270.90	1348424.39	0.523	UJ	pCi/g	30	pCi/g	25.5	27.5
Technetium-99	RI/FS	112091	477270.90	1348424.39	0.525	UJ	pCi/g	30	pCi/g	0	1.5
Technetium-99	RI/FS	112241	477170.36	1348501.23	0.533	UJ	pCi/g	30	pCi/g	0	0.5
Technetium-99	UNKNOWN	007280	477049.86	1348603.06	0.9	U	pCi/g	30	pCi/g	0	1.5
Technetium-99	UNKNOWN	007293	477049.86	1348603.06	0.9	U	pCi/g	30	pCi/g	40	41.5
Technetium-99	UNKNOWN	008948	477159.31	1348291.63	0.9	U	pCi/g	30	pCi/g	35	36.5
Technetium-99	UNKNOWN	011010	477029.41	1348531.10	0.9	U	pCi/g	30	pCi/g		
Technetium-99	UNKNOWN	020498	477509.58	1348397.57	0.9	U	pCi/g	30	pCi/g	65	66.5
Technetium-99	UNKNOWN	067146	477346.84	1348570.61	0.9	U	pCi/g	30	pCi/g	4.5	6
Technetium-99	UNKNOWN	067148	477346.84	1348570.61	0.9	U	pCi/g	30	pCi/g	7.5	9
Technetium-99	UNKNOWN	067153	477346.84	1348570.61	0.9	U	pCi/g	30	pCi/g	15	16.5
Technetium-99	UNKNOWN	067154	477346.84	1348570.61	0.9	U	pCi/g	30	pCi/g	16.5	18
Technetium-99	UNKNOWN	067156	477346.84	1348570.61	0.9	U	pCi/g	30	pCi/g	19.5	21
Technetium-99	UNKNOWN	067166	477272.52	1348486.90	0.9	U	pCi/g	30	pCi/g	3	4.5
Technetium-99	UNKNOWN	067172	477272.52	1348486.90	0.9	U	pCi/g	30	pCi/g	12	13.5
Technetium-99	UNKNOWN	067182	477272.52	1348486.90	0.9	U	pCi/g	30	pCi/g	26	27.5
Technetium-99	UNKNOWN	067192	477269.05	1348361.98	0.9	U	pCi/g	30	pCi/g	3	4.5
Technetium-99	UNKNOWN	067200	477269.05	1348361.98	0.9	U	pCi/g	30	pCi/g	14.5	16
Technetium-99	UNKNOWN	067217	477269.05	1348361.98	0.9	U	pCi/g	30	pCi/g	40	41.5
Technetium-99	REMEDIAL ACTION	AFP-B-C-2-R	477051.76	1348425.25	0.93	UJ	pCi/g	30	pCi/g	1	1.5
Technetium-99	UNKNOWN	032609	477168.80	1348273.00	1	U	pCi/g	30	pCi/g	105	106.5
Technetium-99	REMEDIAL ACTION	AFP-B-C-1-R	477090.99	1348394.00	1	UJ	pCi/g	30	pCi/g	1	1.5
Technetium-99	REMEDIAL ACTION	AFP-B-C-3-R	477085.99	1348436.00	1.2	UJ	pCi/g	30	pCi/g	1	1.5
Technetium-99	REMEDIAL ACTION	AFP-B-C-4-R	477044.99	1348490.00	1.2	UJ	pCi/g	30	pCi/g	1	1.5
Technetium-99	REMEDIAL ACTION	AFP-B-C-5-R	477021.52	1348521.61	1.2	UJ	pCi/g	30	pCi/g	1	1.5
Technetium-99	REMEDIAL ACTION	AFP-B-C-6-R	477067.99	1348537.00	1.2	UJ	pCi/g	30	pCi/g	1	1.5
Technetium-99	CIS	SL-25-016	477033.13	1348464.76	1.3	U	pCi/g	30	pCi/g	0.17	0.5
Technetium-99	REMEDIAL ACTION	AFP-B-C-11-R	477106.99	1348444.00	1.4	UJ	pCi/g	30	pCi/g	1	1.5
Technetium-99	REMEDIAL ACTION	AFP-B-C-11-R-D	477106.99	1348444.00	1.4	UJ	pCi/g	30	pCi/g	1	1.5
Technetium-99	REMEDIAL ACTION	AFP-B-C-12-R	477102.99	1348488.00	1.4	UJ	pCi/g	30	pCi/g	1	1.5
Technetium-99	REMEDIAL ACTION	AFP-B-C-15-R	477111.99	1348569.00	1.4	UJ	pCi/g	30	pCi/g	1	1.5
Technetium-99	REMEDIAL ACTION	AFP-B-C-8-R	477130.99	1348344.00	1.4	UJ	pCi/g	30	pCi/g	1	1.5
Technetium-99	REMEDIAL ACTION	AFP-B-C-9-R	477136.99	1348393.00	1.4	UJ	pCi/g	30	pCi/g	1	1.5

000106

**APPENDIX A
VALIDATED BELOW-FRL DATA**

Parameter	Sampling Program	Sample ID	Northing	Easting	Result	Qualifier	Units	FRL	Units	Top Depth	Bottom Depth
Technetium-99	CIS	SL-25-014	477019.78	1348477.40	1.4	U	pCi/g	30	pCi/g	0.5	1
Technetium-99	REMEDIAL ACTION	AFP-B-C-16-R	477086.99	1348590.00	1.47	UJ	pCi/g	30	pCi/g	1	1.5
Technetium-99	REMEDIAL ACTION	AFP-B-C-10-R	477141.99	1348424.00	1.5	UJ	pCi/g	30	pCi/g	1	1.5
Technetium-99	REMEDIAL ACTION	AFP-B-C-14-R	477120.99	1348529.00	1.5	UJ	pCi/g	30	pCi/g	1	1.5
Technetium-99	REMEDIAL ACTION	AFP-B-C-7-R	477039.99	1348574.00	1.5	UJ	pCi/g	30	pCi/g	1	1.5
Technetium-99	REMEDIAL ACTION	AFP-B-C-13-R	477107.99	1348511.00	1.6	UJ	pCi/g	30	pCi/g	1	1.5
Tetrachloroethene	RI/FS	112248	477224.32	1348641.68	2	J	ug/kg	3600	ug/kg	0	0.5
Tetrachloroethene	UNKNOWN	067155	477346.84	1348570.61	6	U	ug/kg	3600	ug/kg	18	19.5
Tetrachloroethene	UNKNOWN	067184	477272.52	1348486.90	6	U	ug/kg	3600	ug/kg	29	30.5
Tetrachloroethene	UNKNOWN	067218	477269.05	1348361.98	6	U	ug/kg	3600	ug/kg	41.5	43
Tetrachloroethene	UNKNOWN	067506	477443.68	1348419.22	6	U	ug/kg	3600	ug/kg	9.5	12
Tetrachloroethene	RI/FS	112126	477270.90	1348424.39	11	UJ	ug/kg	3600	ug/kg	29.5	31.5
Tetrachloroethene	RI/FS	112153	477309.74	1348528.82	12	UJ	ug/kg	3600	ug/kg	20	22
Tetrachloroethene	RI/FS	112241	477170.36	1348501.23	12	UJ	ug/kg	3600	ug/kg	0	0.5
Tetrachloroethene	RI/FS	112092	477270.90	1348424.39	13	UJ	ug/kg	3600	ug/kg	2	4
Tetrachloroethene	RI/FS	112123	477270.90	1348424.39	13	UJ	ug/kg	3600	ug/kg	25.5	27.5
Tetrachloroethene	RI/FS	112180	477395.53	1348495.36	13	U	ug/kg	3600	ug/kg	17	19
Tetrachloroethene	RI/FS	112181	477395.53	1348495.36	13	U	ug/kg	3600	ug/kg	19	21
Tetrachloroethene	RI/FS	112117	477270.90	1348424.39	14	UJ	ug/kg	3600	ug/kg	20	22
Tetrachloroethene	RI/FS	112249	477353.66	1348669.64	14	UJ	ug/kg	3600	ug/kg	0	0.5
Tetrachloroethene	RI/FS	112264	477204.08	1348281.83	14	UJ	ug/kg	3600	ug/kg	0	0.5
Tetrachloroethene	RI/FS	112251	477414.67	1348588.29	15	UJ	ug/kg	3600	ug/kg	0	0.5
Tetrachloroethene	RI/FS	112130	477309.74	1348528.82	62	UJ	ug/kg	3600	ug/kg	2	4
Tetrachloroethene	RI/FS	112157	477309.74	1348528.82	1500	UJ	ug/kg	3600	ug/kg	24	26
Thallium	CIS	PS-25-009	477032.62	1348465.24	0.2	UJ	mg/kg	91	mg/kg		
Thallium	RI/FS	112126	477270.90	1348424.39	0.22	U	mg/kg	91	mg/kg	29.5	31.5
Thallium	RI/FS	112241	477170.36	1348501.23	0.24	-	mg/kg	91	mg/kg	0	0.5
Thallium	RI/FS	112153	477309.74	1348528.82	0.28	-	mg/kg	91	mg/kg	20	22
Thallium	UNKNOWN	067506	477443.68	1348419.22	0.33	UJ	mg/kg	91	mg/kg	9.5	12
Thallium	RI/FS	112123	477270.90	1348424.39	0.36	-	mg/kg	91	mg/kg	25.5	27.5
Thallium	RI/FS	112181	477395.53	1348495.36	0.36	UJ	mg/kg	91	mg/kg	19	21
Thallium	RI/FS	112180	477395.53	1348495.36	0.38	U	mg/kg	91	mg/kg	17	19
Thallium	UNKNOWN	067184	477272.52	1348486.90	0.43	U	mg/kg	91	mg/kg	29	30.5
Thallium	UNKNOWN	067155	477346.84	1348570.61	0.47	U	mg/kg	91	mg/kg	18	19.5
Thallium	UNKNOWN	067218	477269.05	1348361.98	0.47	U	mg/kg	91	mg/kg	41.5	43

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**APPENDIX A
VALIDATED BELOW-FRL DATA**

Parameter	Sampling Program	Sample ID	Northing	Easting	Result	Qualifier	Units	FRL	Units	Top Depth	Bottom Depth
Thallium	RI/FS	112157	477309.74	1348528.82	0.47	-	mg/kg	91	mg/kg	24	26
Thallium	UNKNOWN	067505	477443.68	1348419.22	0.5	UJ	mg/kg	91	mg/kg	6	7.5
Thallium	RI/FS	112248	477224.32	1348641.68	0.52	-	mg/kg	91	mg/kg	0	0.5
Thallium	RI/FS	112161	477395.53	1348495.36	0.75	-	mg/kg	91	mg/kg	2	4
Thallium	RI/FS	112249	477353.66	1348669.64	0.77	-	mg/kg	91	mg/kg	0	0.5
Thallium	UNKNOWN	067193	477269.05	1348361.98	0.96	-	mg/kg	91	mg/kg	4.5	6
Thallium	RI/FS	112264	477204.08	1348281.83	1.1	-	mg/kg	91	mg/kg	0	0.5
Thallium	RI/FS	112092	477270.90	1348424.39	1.2	-	mg/kg	91	mg/kg	2	4
Thallium	UNKNOWN	067503	477443.68	1348419.22	1.5	J	mg/kg	91	mg/kg	1.5	3
Thallium	RI/FS	112257	477312.86	1348636.13	1.5	-	mg/kg	91	mg/kg	0	0.5
Thallium	RI/FS	112167	477395.53	1348495.36	1.8	-	mg/kg	91	mg/kg	8	10
Thallium	UNKNOWN	067149	477346.84	1348570.61	1.9	-	mg/kg	91	mg/kg	9	10.5
Thallium	UNKNOWN	067201	477269.05	1348361.98	1.9	-	mg/kg	91	mg/kg	16	17.5
Thallium	RI/FS	112251	477414.67	1348588.29	1.9	-	mg/kg	91	mg/kg	0	0.5
Thallium	RI/FS	112255	477265.40	1348609.79	1.9	-	mg/kg	91	mg/kg	0	0.5
Thallium	RI/FS	112258	477384.73	1348571.91	1.9	-	mg/kg	91	mg/kg	0	0.5
Thallium	RI/FS	112259	477350.83	1348368.24	1.9	-	mg/kg	91	mg/kg	0	0.5
Thallium	UNKNOWN	067173	477272.52	1348486.90	2	-	mg/kg	91	mg/kg	13.5	15
Thallium	UNKNOWN	067167	477272.52	1348486.90	2.1	-	mg/kg	91	mg/kg	4.5	6
Thallium	RI/FS	112252	477251.96	1348341.16	2.3	-	mg/kg	91	mg/kg	0	0.5
Thallium	RI/FS	112130	477309.74	1348528.82	2.5	-	mg/kg	91	mg/kg	2	4
Thallium	RI/FS	112129	477309.74	1348528.82	2.9	-	mg/kg	91	mg/kg	0	2
Thallium	RI/FS	112145	477309.74	1348528.82	3	-	mg/kg	91	mg/kg	13	15
Thallium	RI/FS	112117	477270.90	1348424.39	3.1	-	mg/kg	91	mg/kg	20	22
Thallium	RI/FS	112160	477395.53	1348495.36	3.4	-	mg/kg	91	mg/kg	0	2
Thallium	RI/FS	112254	477229.95	1348473.97	4.1	-	mg/kg	91	mg/kg	0	0.5
Thallium	RI/FS	112091	477270.90	1348424.39	4.4	-	mg/kg	91	mg/kg	0	1.5
Thorium-228	UNKNOWN	007293	477049.86	1348603.06	0.6	U	pCi/g	1.7	pCi/g	40	41.5
Thorium-228	UNKNOWN	008948	477159.31	1348291.63	0.6	UJ	pCi/g	1.7	pCi/g	35	36.5
Thorium-228	UNKNOWN	011010	477029.41	1348531.10	0.6	U	pCi/g	1.7	pCi/g		3
Thorium-228	UNKNOWN	020498	477509.58	1348397.57	0.6	U	pCi/g	1.7	pCi/g	65	66.5
Thorium-228	RI/FS	112126	477270.90	1348424.39	0.628	-	pCi/g	1.7	pCi/g	29.5	31.5
Thorium-228	RI/FS	112241	477170.36	1348501.23	0.805	J	pCi/g	1.7	pCi/g	0	0.5
Thorium-228	UNKNOWN	067506	477443.68	1348419.22	0.813	J	pCi/g	1.7	pCi/g	9.5	12
Thorium-228	RI/FS	112157	477309.74	1348528.82	0.853	-	pCi/g	1.7	pCi/g	24	26

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**APPENDIX A
VALIDATED BELOW-FRL DATA**

Parameter	Sampling Program	Sample ID	Northing	Easting	Result	Qualifier	Units	FRL	Units	Top Depth	Bottom Depth
Thorium-228	RI/FS	112123	477270.90	1348424.39	0.869	-	pCi/g	1.7	pCi/g	25.5	27.5
Thorium-228	RI/FS	112181	477395.53	1348495.36	0.87	-	pCi/g	1.7	pCi/g	19	21
Thorium-228	UNKNOWN	007280	477049.86	1348603.06	0.9	-	pCi/g	1.7	pCi/g	0	1.5
Thorium-228	RI/FS	112153	477309.74	1348528.82	0.961	J	pCi/g	1.7	pCi/g	20	22
Thorium-228	RI/FS	112248	477224.32	1348641.68	1.09	-	pCi/g	1.7	pCi/g	0	0.5
Thorium-228	UNKNOWN	007207	477164.10	1348282.64	1.1	-	pCi/g	1.7	pCi/g	7.5	9
Thorium-228	UNKNOWN	067217	477269.05	1348361.98	1.16	J	pCi/g	1.7	pCi/g	40	41.5
Thorium-228	UNKNOWN	032609	477168.80	1348273.00	1.19	J	pCi/g	1.7	pCi/g	105	106.5
Thorium-228	UNKNOWN	007220	477506.81	1348408.24	1.2	-	pCi/g	1.7	pCi/g	1.5	3
Thorium-228	RI/FS	112180	477395.53	1348495.36	1.37	-	pCi/g	1.7	pCi/g	17	19
Thorium-228	RI/FS	112249	477353.66	1348669.64	1.4	-	pCi/g	1.7	pCi/g	0	0.5
Thorium-228	CIS	SL-25-016	477033.13	1348464.76	1.403	J	pCi/g	1.7	pCi/g	0.17	0.5
Thorium-228	UNKNOWN	007217	477506.81	1348408.24	1.6	-	pCi/g	1.7	pCi/g	1.5	3
Thorium-230	REMEDIAL ACTION	AFP-B-C-11-R-D	477106.99	1348444.00	0.54	J	pCi/g	280	pCi/g	1	1.5
Thorium-230	UNKNOWN	011010	477029.41	1348531.10	0.6	U	pCi/g	280	pCi/g		
Thorium-230	REMEDIAL ACTION	AFP-B-C-10-R	477141.99	1348424.00	0.65	J	pCi/g	280	pCi/g	1	1.5
Thorium-230	REMEDIAL ACTION	AFP-B-C-11-R	477106.99	1348444.00	0.66	J	pCi/g	280	pCi/g	1	1.5
Thorium-230	REMEDIAL ACTION	AFP-B-C-14-R	477120.99	1348529.00	0.69	J	pCi/g	280	pCi/g	1	1.5
Thorium-230	REMEDIAL ACTION	AFP-B-C-15-R	477111.99	1348569.00	0.69	J	pCi/g	280	pCi/g	1	1.5
Thorium-230	REMEDIAL ACTION	AFP-B-C-9-R	477136.99	1348393.00	0.69	J	pCi/g	280	pCi/g	1	1.5
Thorium-230	UNKNOWN	008948	477159.31	1348291.63	0.7	J	pCi/g	280	pCi/g	35	36.5
Thorium-230	UNKNOWN	020498	477509.58	1348397.57	0.7	-	pCi/g	280	pCi/g	65	66.5
Thorium-230	REMEDIAL ACTION	AFP-B-C-12-R	477102.99	1348488.00	0.7	J	pCi/g	280	pCi/g	1	1.5
Thorium-230	REMEDIAL ACTION	AFP-B-C-13-R	477107.99	1348511.00	0.72	J	pCi/g	280	pCi/g	1	1.5
Thorium-230	REMEDIAL ACTION	AFP-B-C-16-R	477086.99	1348590.00	0.72	J	pCi/g	280	pCi/g	1	1.5
Thorium-230	REMEDIAL ACTION	AFP-B-C-3-R	477085.99	1348436.00	0.73	J	pCi/g	280	pCi/g	1	1.5
Thorium-230	REMEDIAL ACTION	AFP-B-C-2-R	477051.76	1348425.25	0.75	J	pCi/g	280	pCi/g	1	1.5
Thorium-230	REMEDIAL ACTION	AFP-B-C-4-R	477044.99	1348490.00	0.81	J	pCi/g	280	pCi/g	1	1.5
Thorium-230	UNKNOWN	067182	477272.52	1348486.90	0.85	J	pCi/g	280	pCi/g	26	27.5
Thorium-230	REMEDIAL ACTION	AFP-B-C-1-R	477090.99	1348394.00	0.87	J	pCi/g	280	pCi/g	1	1.5
Thorium-230	REMEDIAL ACTION	AFP-B-C-6-R	477067.99	1348537.00	0.97	J	pCi/g	280	pCi/g	1	1.5
Thorium-230	REMEDIAL ACTION	AFP-B-C-8-R	477130.99	1348344.00	0.97	J	pCi/g	280	pCi/g	1	1.5
Thorium-230	UNKNOWN	007293	477049.86	1348603.06	1	-	pCi/g	280	pCi/g	40	41.5
Thorium-230	RI/FS	112123	477270.90	1348424.39	1.01	-	pCi/g	280	pCi/g	25.5	27.5
Thorium-230	RI/FS	112126	477270.90	1348424.39	1.04	-	pCi/g	280	pCi/g	29.5	31.5

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**APPENDIX A
VALIDATED BELOW-FRL DATA**

Parameter	Sampling Program	Sample ID	Northing	Easting	Result	Qualifier	Units	FRL	Units	Top Depth	Bottom Depth
Thorium-230	REMEDIAL ACTION	AFP-B-C-5-R	477021.52	1348521.61	1.1	J	pCi/g	280	pCi/g	1	1.5
Thorium-230	RI/FS	112157	477309.74	1348528.82	1.11	-	pCi/g	280	pCi/g	24	26
Thorium-230	UNKNOWN	067506	477443.68	1348419.22	1.12	J	pCi/g	280	pCi/g	9.5	12
Thorium-230	RI/FS	112153	477309.74	1348528.82	1.25	J	pCi/g	280	pCi/g	20	22
Thorium-230	UNKNOWN	067217	477269.05	1348361.98	1.33	J	pCi/g	280	pCi/g	40	41.5
Thorium-230	REMEDIAL ACTION	AFP-B-C-7-R	477039.99	1348574.00	1.4	J	pCi/g	280	pCi/g	1	1.5
Thorium-230	UNKNOWN	032609	477168.80	1348273.00	1.42	J	pCi/g	280	pCi/g	105	106.5
Thorium-230	RI/FS	112241	477170.36	1348501.23	1.5	J	pCi/g	280	pCi/g	0	0.5
Thorium-230	RI/FS	112248	477224.32	1348641.68	1.55	-	pCi/g	280	pCi/g	0	0.5
Thorium-230	RI/FS	112249	477353.66	1348669.64	1.73	-	pCi/g	280	pCi/g	0	0.5
Thorium-230	UNKNOWN	007207	477164.10	1348282.64	1.8	-	pCi/g	280	pCi/g	7.5	9
Thorium-230	UNKNOWN	007217	477506.81	1348408.24	1.9	-	pCi/g	280	pCi/g	1.5	3
Thorium-230	UNKNOWN	067156	477346.84	1348570.61	1.97	J	pCi/g	280	pCi/g	19.5	21
Thorium-230	UNKNOWN	007220	477506.81	1348408.24	2.2	-	pCi/g	280	pCi/g	1.5	3
Thorium-230	UNKNOWN	007280	477049.86	1348603.06	2.3	-	pCi/g	280	pCi/g	0	1.5
Thorium-230	RI/FS	112145	477309.74	1348528.82	2.4	J	pCi/g	280	pCi/g	13	15
Thorium-230	RI/FS	112091	477270.90	1348424.39	2.43	-	pCi/g	280	pCi/g	0	1.5
Thorium-230	RI/FS	112251	477414.67	1348588.29	2.66	-	pCi/g	280	pCi/g	0	0.5
Thorium-230	RI/FS	112181	477395.53	1348495.36	2.67	-	pCi/g	280	pCi/g	19	21
Thorium-230	RI/FS	112254	477229.95	1348473.97	2.83	J	pCi/g	280	pCi/g	0	0.5
Thorium-230	RI/FS	112258	477384.73	1348571.91	2.87	J	pCi/g	280	pCi/g	0	0.5
Thorium-230	RI/FS	112129	477309.74	1348528.82	2.89	J	pCi/g	280	pCi/g	0	2
Thorium-230	RI/FS	112255	477265.40	1348609.79	2.93	J	pCi/g	280	pCi/g	0	0.5
Thorium-230	UNKNOWN	067503	477443.68	1348419.22	3	J	pCi/g	280	pCi/g	1.5	3
Thorium-230	RI/FS	112252	477251.96	1348341.16	3.01	J	pCi/g	280	pCi/g	0	0.5
Thorium-230	UNKNOWN	067172	477272.52	1348486.90	3.02	J	pCi/g	280	pCi/g	12	13.5
Thorium-230	RI/FS	112257	477312.86	1348636.13	3.03	J	pCi/g	280	pCi/g	0	0.5
Thorium-230	RI/FS	112264	477204.08	1348281.83	3.09	J	pCi/g	280	pCi/g	0	0.5
Thorium-230	RI/FS	112092	477270.90	1348424.39	3.3	-	pCi/g	280	pCi/g	2	4
Thorium-230	RI/FS	112259	477350.83	1348368.24	3.31	J	pCi/g	280	pCi/g	0	0.5
Thorium-230	RI/FS	112130	477309.74	1348528.82	3.32	J	pCi/g	280	pCi/g	2	4
Thorium-230	UNKNOWN	067200	477269.05	1348361.98	3.45	J	pCi/g	280	pCi/g	14.5	16
Thorium-230	RI/FS	112117	477270.90	1348424.39	3.52	-	pCi/g	280	pCi/g	20	22
Thorium-230	UNKNOWN	067166	477272.52	1348486.90	3.55	J	pCi/g	280	pCi/g	3	4.5
Thorium-230	RI/FS	112180	477395.53	1348495.36	3.6	-	pCi/g	280	pCi/g	17	19

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**APPENDIX A
VALIDATED BELOW-FRL DATA**

Parameter	Sampling Program	Sample ID	Northing	Easting	Result	Qualifier	Units	FRL	Units	Top Depth	Bottom Depth
Thorium-230	UNKNOWN	067154	477346.84	1348570.61	3.62	J	pCi/g	280	pCi/g	16.5	18
Thorium-230	UNKNOWN	067148	477346.84	1348570.61	3.7	J	pCi/g	280	pCi/g	7.5	9
Thorium-230	UNKNOWN	067153	477346.84	1348570.61	3.8	J	pCi/g	280	pCi/g	15	16.5
Thorium-230	UNKNOWN	067505	477443.68	1348419.22	4.01	J	pCi/g	280	pCi/g	6	7.5
Thorium-230	RI/FS	112167	477395.53	1348495.36	5.01	-	pCi/g	280	pCi/g	8	10
Thorium-230	RI/FS	112161	477395.53	1348495.36	5.52	-	pCi/g	280	pCi/g	2	4
Thorium-230	UNKNOWN	067146	477346.84	1348570.61	5.92	J	pCi/g	280	pCi/g	4.5	6
Thorium-230	UNKNOWN	067192	477269.05	1348361.98	6.08	J	pCi/g	280	pCi/g	3	4.5
Thorium-230	RI/FS	112160	477395.53	1348495.36	6.74	-	pCi/g	280	pCi/g	0	2
Thorium-230	CIS	SL-25-014	477019.78	1348477.40	14.835	J	pCi/g	280	pCi/g	0.5	1
Thorium-232	REMEDIAL ACTION	AFP-B-C-5-R	477021.52	1348521.61	0.34	J	pCi/g	1.5	pCi/g	1	1.5
Thorium-232	REMEDIAL ACTION	AFP-B-C-11-R	477106.99	1348444.00	0.47	J	pCi/g	1.5	pCi/g	1	1.5
Thorium-232	REMEDIAL ACTION	AFP-B-C-11-R-D	477106.99	1348444.00	0.48	J	pCi/g	1.5	pCi/g	1	1.5
Thorium-232	UNKNOWN	067217	477269.05	1348361.98	0.52	-	pCi/g	1.5	pCi/g	40	41.5
Thorium-232	UNKNOWN	007293	477049.86	1348603.06	0.6	U	pCi/g	1.5	pCi/g	40	41.5
Thorium-232	UNKNOWN	008948	477159.31	1348291.63	0.6	J	pCi/g	1.5	pCi/g	35	36.5
Thorium-232	UNKNOWN	011010	477029.41	1348531.10	0.6	U	pCi/g	1.5	pCi/g		
Thorium-232	UNKNOWN	020498	477509.58	1348397.57	0.6	U	pCi/g	1.5	pCi/g	65	66.5
Thorium-232	UNKNOWN	067506	477443.68	1348419.22	0.6	U	pCi/g	1.5	pCi/g	9.5	12
Thorium-232	REMEDIAL ACTION	AFP-B-C-7-R	477039.99	1348574.00	0.6	J	pCi/g	1.5	pCi/g	1	1.5
Thorium-232	UNKNOWN	067182	477272.52	1348486.90	0.61	J	pCi/g	1.5	pCi/g	26	27.5
Thorium-232	REMEDIAL ACTION	AFP-B-C-1-R	477090.99	1348394.00	0.62	J	pCi/g	1.5	pCi/g	1	1.5
Thorium-232	REMEDIAL ACTION	AFP-B-C-3-R	477085.99	1348436.00	0.64	UJ	pCi/g	1.5	pCi/g	1	1.5
Thorium-232	RI/FS	112126	477270.90	1348424.39	0.677	-	pCi/g	1.5	pCi/g	29.5	31.5
Thorium-232	RI/FS	112123	477270.90	1348424.39	0.685	-	pCi/g	1.5	pCi/g	25.5	27.5
Thorium-232	RI/FS	112181	477395.53	1348495.36	0.72	-	pCi/g	1.5	pCi/g	19	21
Thorium-232	REMEDIAL ACTION	AFP-B-C-2-R	477051.76	1348425.25	0.72	J	pCi/g	1.5	pCi/g	1	1.5
Thorium-232	REMEDIAL ACTION	AFP-B-C-10-R	477141.99	1348424.00	0.79	J	pCi/g	1.5	pCi/g	1	1.5
Thorium-232	REMEDIAL ACTION	AFP-B-C-9-R	477136.99	1348393.00	0.84	J	pCi/g	1.5	pCi/g	1	1.5
Thorium-232	REMEDIAL ACTION	AFP-B-C-4-R	477044.99	1348490.00	0.86	J	pCi/g	1.5	pCi/g	1	1.5
Thorium-232	RI/FS	112157	477309.74	1348528.82	0.892	-	pCi/g	1.5	pCi/g	24	26
Thorium-232	UNKNOWN	007217	477506.81	1348408.24	0.9	-	pCi/g	1.5	pCi/g	1.5	3
Thorium-232	UNKNOWN	067156	477346.84	1348570.61	0.903	-	pCi/g	1.5	pCi/g	19.5	21
Thorium-232	REMEDIAL ACTION	AFP-B-C-6-R	477067.99	1348537.00	0.92	J	pCi/g	1.5	pCi/g	1	1.5
Thorium-232	RI/FS	112241	477170.36	1348501.23	0.9307	J	pCi/g	1.5	pCi/g	0	0.5

000111

**APPENDIX A
VALIDATED BELOW-FRL DATA**

Parameter	Sampling Program	Sample ID	Northing	Easting	Result	Qualifier	Units	FRL	Units	Top Depth	Bottom Depth
Thorium-232	REMEDIAL ACTION	AFP-B-C-16-R	477086.99	1348590.00	0.94	J	pCi/g	1.5	pCi/g	1	1.5
Thorium-232	UNKNOWN	032609	477168.80	1348273.00	0.965	J	pCi/g	1.5	pCi/g	105	106.5
Thorium-232	REMEDIAL ACTION	AFP-B-C-13-R	477107.99	1348511.00	0.99	J	pCi/g	1.5	pCi/g	1	1.5
Thorium-232	UNKNOWN	007220	477506.81	1348408.24	1	-	pCi/g	1.5	pCi/g	1.5	3
Thorium-232	UNKNOWN	007280	477049.86	1348603.06	1	-	pCi/g	1.5	pCi/g	0	1.5
Thorium-232	REMEDIAL ACTION	AFP-B-C-14-R	477120.99	1348529.00	1	J	pCi/g	1.5	pCi/g	1	1.5
Thorium-232	RI/FS	112153	477309.74	1348528.82	1.014	J	pCi/g	1.5	pCi/g	20	22
Thorium-232	REMEDIAL ACTION	AFP-B-C-12-R	477102.99	1348488.00	1.1	J	pCi/g	1.5	pCi/g	1	1.5
Thorium-232	REMEDIAL ACTION	AFP-B-C-15-R	477111.99	1348569.00	1.1	J	pCi/g	1.5	pCi/g	1	1.5
Thorium-232	UNKNOWN	007207	477164.10	1348282.64	1.2	-	pCi/g	1.5	pCi/g	7.5	9
Thorium-232	RI/FS	112248	477224.32	1348641.68	1.23	-	pCi/g	1.5	pCi/g	0	0.5
Thorium-232	RI/FS	112180	477395.53	1348495.36	1.35	-	pCi/g	1.5	pCi/g	17	19
Thorium-232	CIS	SL-25-014	477019.78	1348477.40	1.3676	J	pCi/g	1.5	pCi/g	0.5	1
Toluene	RI/FS	112153	477309.74	1348528.82	2	J	ug/kg	100000000	ug/kg	20	22
Toluene	RI/FS	112264	477204.08	1348281.83	4	J	ug/kg	100000000	ug/kg	0	0.5
Toluene	UNKNOWN	067155	477346.84	1348570.61	6	U	ug/kg	100000000	ug/kg	18	19.5
Toluene	UNKNOWN	067184	477272.52	1348486.90	6	U	ug/kg	100000000	ug/kg	29	30.5
Toluene	UNKNOWN	067218	477269.05	1348361.98	6	U	ug/kg	100000000	ug/kg	41.5	43
Toluene	UNKNOWN	067506	477443.68	1348419.22	6	U	ug/kg	100000000	ug/kg	9.5	12
Toluene	RI/FS	112248	477224.32	1348641.68	10	UJ	ug/kg	100000000	ug/kg	0	0.5
Toluene	RI/FS	112249	477353.66	1348669.64	10	UJ	ug/kg	100000000	ug/kg	0	0.5
Toluene	RI/FS	112126	477270.90	1348424.39	11	UJ	ug/kg	100000000	ug/kg	29.5	31.5
Toluene	RI/FS	112092	477270.90	1348424.39	12	UJ	ug/kg	100000000	ug/kg	2	4
Toluene	RI/FS	112130	477309.74	1348528.82	12	J	ug/kg	100000000	ug/kg	2	4
Toluene	RI/FS	112241	477170.36	1348501.23	12	UJ	ug/kg	100000000	ug/kg	0	0.5
Toluene	UNKNOWN	067149	477346.84	1348570.61	13	J	ug/kg	100000000	ug/kg	9	10.5
Toluene	UNKNOWN	067503	477443.68	1348419.22	13	J	ug/kg	100000000	ug/kg	1.5	3
Toluene	RI/FS	112123	477270.90	1348424.39	13	UJ	ug/kg	100000000	ug/kg	25.5	27.5
Toluene	RI/FS	112180	477395.53	1348495.36	13	U	ug/kg	100000000	ug/kg	17	19
Toluene	RI/FS	112181	477395.53	1348495.36	13	U	ug/kg	100000000	ug/kg	19	21
Toluene	UNKNOWN	067505	477443.68	1348419.22	21	J	ug/kg	100000000	ug/kg	6	7.5
Toluene	RI/FS	112252	477251.96	1348341.16	21	J	ug/kg	100000000	ug/kg	0	0.5
Toluene	RI/FS	112160	477395.53	1348495.36	51	J	ug/kg	100000000	ug/kg	0	2
Toluene	RI/FS	112258	477384.73	1348571.91	52	J	ug/kg	100000000	ug/kg	0	0.5
Toluene	RI/FS	112251	477414.67	1348588.29	62	J	ug/kg	100000000	ug/kg	0	0.5

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**APPENDIX A
VALIDATED BELOW-FRL DATA**

Parameter	Sampling Program	Sample ID	Northing	Easting	Result	Qualifier	Units	FRL	Units	Top Depth	Bottom Depth
Toluene	RI/FS	112255	477265.40	1348609.79	62	J	ug/kg	100000000	ug/kg	0	0.5
Toluene	RI/FS	112167	477395.53	1348495.36	76	J	ug/kg	100000000	ug/kg	8	10
Toluene	RI/FS	112257	477312.86	1348636.13	88	J	ug/kg	100000000	ug/kg	0	0.5
Toluene	UNKNOWN	067711	477250.80	1348484.51	110	J	ug/kg	100000000	ug/kg	13.5	15
Toluene	UNKNOWN	067706	477250.80	1348484.51	130	J	ug/kg	100000000	ug/kg	6	7.5
Toluene	RI/FS	112161	477395.53	1348495.36	130	J	ug/kg	100000000	ug/kg	2	4
Toluene	RI/FS	112117	477270.90	1348424.39	140	J	ug/kg	100000000	ug/kg	20	22
Toluene	RI/FS	112091	477270.90	1348424.39	160	J	ug/kg	100000000	ug/kg	0	1.5
Toluene	RI/FS	112145	477309.74	1348528.82	440	J	ug/kg	100000000	ug/kg	13	15
Toluene	RI/FS	112157	477309.74	1348528.82	1500	U	ug/kg	100000000	ug/kg	24	26
Tributyl phosphate	RI/FS	112161	477395.53	1348495.36	420	U	ug/kg	250000	ug/kg	2	4
Tributyl phosphate	RI/FS	112181	477395.53	1348495.36	420	U	ug/kg	250000	ug/kg	19	21
Tributyl phosphate	RI/FS	112180	477395.53	1348495.36	430	U	ug/kg	250000	ug/kg	17	19
Tributyl phosphate	RI/FS	112160	477395.53	1348495.36	440	U	ug/kg	250000	ug/kg	0	2
Tributyl phosphate	RI/FS	112167	477395.53	1348495.36	440	U	ug/kg	250000	ug/kg	8	10
Trichloroethene	UNKNOWN	067155	477346.84	1348570.61	6	U	ug/kg	25000	ug/kg	18	19.5
Trichloroethene	UNKNOWN	067184	477272.52	1348486.90	6	U	ug/kg	25000	ug/kg	29	30.5
Trichloroethene	UNKNOWN	067218	477269.05	1348361.98	6	U	ug/kg	25000	ug/kg	41.5	43
Trichloroethene	UNKNOWN	067506	477443.68	1348419.22	6	U	ug/kg	25000	ug/kg	9.5	12
Trichloroethene	RI/FS	112126	477270.90	1348424.39	11	UJ	ug/kg	25000	ug/kg	29.5	31.5
Trichloroethene	RI/FS	112153	477309.74	1348528.82	12	U	ug/kg	25000	ug/kg	20	22
Trichloroethene	RI/FS	112241	477170.36	1348501.23	12	UJ	ug/kg	25000	ug/kg	0	0.5
Trichloroethene	RI/FS	112091	477270.90	1348424.39	13	UJ	ug/kg	25000	ug/kg	0	1.5
Trichloroethene	RI/FS	112092	477270.90	1348424.39	13	UJ	ug/kg	25000	ug/kg	2	4
Trichloroethene	RI/FS	112123	477270.90	1348424.39	13	UJ	ug/kg	25000	ug/kg	25.5	27.5
Trichloroethene	RI/FS	112180	477395.53	1348495.36	13	U	ug/kg	25000	ug/kg	17	19
Trichloroethene	RI/FS	112181	477395.53	1348495.36	13	U	ug/kg	25000	ug/kg	19	21
Trichloroethene	RI/FS	112117	477270.90	1348424.39	14	UJ	ug/kg	25000	ug/kg	20	22
Trichloroethene	RI/FS	112248	477224.32	1348641.68	14	UJ	ug/kg	25000	ug/kg	0	0.5
Trichloroethene	RI/FS	112249	477353.66	1348669.64	14	U	ug/kg	25000	ug/kg	0	0.5
Trichloroethene	RI/FS	112264	477204.08	1348281.83	14	UJ	ug/kg	25000	ug/kg	0	0.5
Trichloroethene	RI/FS	112251	477414.67	1348588.29	15	UJ	ug/kg	25000	ug/kg	0	0.5
Trichloroethene	RI/FS	112130	477309.74	1348528.82	62	UJ	ug/kg	25000	ug/kg	2	4
Trichloroethene	RI/FS	112157	477309.74	1348528.82	1500	U	ug/kg	25000	ug/kg	24	26
Uranium, Total	UNKNOWN	011010	477029.41	1348531.10	1	J	mg/kg	50	mg/kg		

**APPENDIX A
VALIDATED BELOW-FRL DATA**

Parameter	Sampling Program	Sample ID	Northing	Easting	Result	Qualifier	Units	FRL	Units	Top Depth	Bottom Depth
Uranium, Total	UNKNOWN	008948	477159.31	1348291.63	2	J	mg/kg	50	mg/kg	35	36.5
Uranium, Total	UNKNOWN	067182	477272.52	1348486.90	2.72	J	mg/kg	50	mg/kg	26	27.5
Uranium, Total	UNKNOWN	032609	477168.80	1348273.00	2.85	J	mg/kg	50	mg/kg	105	106.5
Uranium, Total	UNKNOWN	067156	477346.84	1348570.61	3.08	J	mg/kg	50	mg/kg	19.5	21
Uranium, Total	RI/FS	112181	477395.53	1348495.36	3.3	-	mg/kg	50	mg/kg	19	21
Uranium, Total	RI/FS	112153	477309.74	1348528.82	3.34	J	mg/kg	50	mg/kg	20	22
Uranium, Total	UNKNOWN	067506	477443.68	1348419.22	3.9	UJ	mg/kg	50	mg/kg	9.5	12
Uranium, Total	RI/FS	112180	477395.53	1348495.36	4.15	-	mg/kg	50	mg/kg	17	19
Uranium, Total	RI/FS	112126	477270.90	1348424.39	4.27	-	mg/kg	50	mg/kg	29.5	31.5
Uranium, Total	RI/FS	112123	477270.90	1348424.39	4.49	-	mg/kg	50	mg/kg	25.5	27.5
Uranium, Total	RI/FS	112157	477309.74	1348528.82	4.534	-	mg/kg	50	mg/kg	24	26
Uranium, Total	UNKNOWN	067217	477269.05	1348361.98	7.17	J	mg/kg	50	mg/kg	40	41.5
Uranium, Total	UNKNOWN	007217	477506.81	1348408.24	7.43	J	mg/kg	50	mg/kg	1.5	3
Uranium, Total	RI/FS	112129	477309.74	1348528.82	7.86	-	mg/kg	50	mg/kg	0	2
Uranium, Total	RI/FS	112254	477229.95	1348473.97	8.44	J	mg/kg	50	mg/kg	0	0.5
Uranium, Total	UNKNOWN	067503	477443.68	1348419.22	9.08	J	mg/kg	50	mg/kg	1.5	3
Uranium, Total	RI/FS	112092	477270.90	1348424.39	9.34	-	mg/kg	50	mg/kg	2	4
Uranium, Total	RI/FS	112255	477265.40	1348609.79	10	-	mg/kg	50	mg/kg	0	0.5
Uranium, Total	RI/FS	112249	477353.66	1348669.64	10.2	-	mg/kg	50	mg/kg	0	0.5
Uranium, Total	RI/FS	112257	477312.86	1348636.13	10.4	-	mg/kg	50	mg/kg	0	0.5
Uranium, Total	RI/FS	112248	477224.32	1348641.68	10.7	-	mg/kg	50	mg/kg	0	0.5
Uranium, Total	RI/FS	112091	477270.90	1348424.39	10.78	-	mg/kg	50	mg/kg	0	1.5
Uranium, Total	UNKNOWN	067166	477272.52	1348486.90	11.7	J	mg/kg	50	mg/kg	3	4.5
Uranium, Total	RI/FS	114069	477309.74	1348528.82	12.2	-	mg/kg	50	mg/kg	4	5.5
Uranium, Total	RI/FS	112251	477414.67	1348588.29	12.5	-	mg/kg	50	mg/kg	0	0.5
Uranium, Total	RI/FS	112258	477384.73	1348571.91	12.7	-	mg/kg	50	mg/kg	0	0.5
Uranium, Total	RI/FS	112130	477309.74	1348528.82	12.9	-	mg/kg	50	mg/kg	2	4
Uranium, Total	RI/FS	112145	477309.74	1348528.82	13	-	mg/kg	50	mg/kg	13	15
Uranium, Total	RI/FS	112252	477251.96	1348341.16	13.1	J	mg/kg	50	mg/kg	0	0.5
Uranium, Total	RI/FS	112160	477395.53	1348495.36	13.3	J	mg/kg	50	mg/kg	0	2
Uranium, Total	RI/FS	112241	477170.36	1348501.23	13.6	-	mg/kg	50	mg/kg	0	0.5
Uranium, Total	RI/FS	112161	477395.53	1348495.36	14.1	-	mg/kg	50	mg/kg	2	4
Uranium, Total	RI/FS	112259	477350.83	1348368.24	14.2	-	mg/kg	50	mg/kg	0	0.5
Uranium, Total	RI/FS	112264	477204.08	1348281.83	14.8	-	mg/kg	50	mg/kg	0	0.5
Uranium, Total	RI/FS	112167	477395.53	1348495.36	15.7	-	mg/kg	50	mg/kg	8	10

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**APPENDIX A
VALIDATED BELOW-FRL DATA**

Parameter	Sampling Program	Sample ID	Northing	Easting	Result	Qualifier	Units	FRL	Units	Top Depth	Bottom Depth
Uranium, Total	UNKNOWN	067200	477269.05	1348361.98	16.4	J	mg/kg	50	mg/kg	14.5	16
Uranium, Total	UNKNOWN	067192	477269.05	1348361.98	18.4	J	mg/kg	50	mg/kg	3	4.5
Uranium, Total	UNKNOWN	067148	477346.84	1348570.61	18.5	J	mg/kg	50	mg/kg	7.5	9
Uranium, Total	UNKNOWN	007280	477049.86	1348603.06	19.053	J	mg/kg	50	mg/kg	0	1.5
Uranium, Total	UNKNOWN	067505	477443.68	1348419.22	20.7	J	mg/kg	50	mg/kg	6	7.5
Uranium, Total	RI/FS	112117	477270.90	1348424.39	22.1	-	mg/kg	50	mg/kg	20	22
Uranium, Total	UNKNOWN	067153	477346.84	1348570.61	27.7	J	mg/kg	50	mg/kg	15	16.5
Uranium, Total	UNKNOWN	067146	477346.84	1348570.61	28.1	J	mg/kg	50	mg/kg	4.5	6
Uranium, Total	UNKNOWN	067154	477346.84	1348570.61	28.1	J	mg/kg	50	mg/kg	16.5	18
Uranium, Total	UNKNOWN	067172	477272.52	1348486.90	31.3	J	mg/kg	50	mg/kg	12	13.5
Uranium, Total	UNKNOWN	009044	477482.35	1348281.12	38.9	J	mg/kg	50	mg/kg	0	0.5
Vanadium	UNKNOWN	067505	477443.68	1348419.22	15	-	mg/kg	5100	mg/kg	6	7.5
Vanadium	UNKNOWN	067506	477443.68	1348419.22	16.8	-	mg/kg	5100	mg/kg	9.5	12
Vanadium	RI/FS	112126	477270.90	1348424.39	18	J	mg/kg	5100	mg/kg	29.5	31.5
Vanadium	CIS	PS-25-009	477032.62	1348465.24	20	-	mg/kg	5100	mg/kg		
Vanadium	RI/FS	112157	477309.74	1348528.82	22.7	J	mg/kg	5100	mg/kg	24	26
Vanadium	UNKNOWN	067184	477272.52	1348486.90	22.9	J	mg/kg	5100	mg/kg	29	30.5
Vanadium	RI/FS	112249	477353.66	1348669.64	23	J	mg/kg	5100	mg/kg	0	0.5
Vanadium	RI/FS	112241	477170.36	1348501.23	23.9	-	mg/kg	5100	mg/kg	0	0.5
Vanadium	UNKNOWN	067218	477269.05	1348361.98	24	-	mg/kg	5100	mg/kg	41.5	43
Vanadium	UNKNOWN	067193	477269.05	1348361.98	24.9	-	mg/kg	5100	mg/kg	4.5	6
Vanadium	RI/FS	112248	477224.32	1348641.68	26.3	J	mg/kg	5100	mg/kg	0	0.5
Vanadium	RI/FS	112123	477270.90	1348424.39	26.9	J	mg/kg	5100	mg/kg	25.5	27.5
Vanadium	RI/FS	112264	477204.08	1348281.83	27.6	-	mg/kg	5100	mg/kg	0	0.5
Vanadium	RI/FS	112161	477395.53	1348495.36	30.5	-	mg/kg	5100	mg/kg	2	4
Vanadium	RI/FS	112153	477309.74	1348528.82	30.7	J	mg/kg	5100	mg/kg	20	22
Vanadium	UNKNOWN	067503	477443.68	1348419.22	31.6	-	mg/kg	5100	mg/kg	1.5	3
Vanadium	UNKNOWN	067167	477272.52	1348486.90	32.2	-	mg/kg	5100	mg/kg	4.5	6
Vanadium	UNKNOWN	067155	477346.84	1348570.61	32.7	-	mg/kg	5100	mg/kg	18	19.5
Vanadium	RI/FS	112251	477414.67	1348588.29	33.8	J	mg/kg	5100	mg/kg	0	0.5
Vanadium	RI/FS	112145	477309.74	1348528.82	34.6	J	mg/kg	5100	mg/kg	13	15
Vanadium	UNKNOWN	067149	477346.84	1348570.61	35.5	-	mg/kg	5100	mg/kg	9	10.5
Vanadium	RI/FS	112092	477270.90	1348424.39	36.8	J	mg/kg	5100	mg/kg	2	4
Vanadium	RI/FS	112130	477309.74	1348528.82	38.2	J	mg/kg	5100	mg/kg	2	4
Vanadium	UNKNOWN	067201	477269.05	1348361.98	40	-	mg/kg	5100	mg/kg	16	17.5

**APPENDIX A
VALIDATED BELOW-FRL DATA**

Parameter	Sampling Program	Sample ID	Northing	Easting	Result	Qualifier	Units	FRL	Units	Top Depth	Bottom Depth
Vanadium	RI/FS	112252	477251.96	1348341.16	40	-	mg/kg	5100	mg/kg	0	0.5
Vanadium	UNKNOWN	067173	477272.52	1348486.90	40.3	-	mg/kg	5100	mg/kg	13.5	15
Vanadium	RI/FS	112167	477395.53	1348495.36	40.4	-	mg/kg	5100	mg/kg	8	10
Vanadium	RI/FS	112117	477270.90	1348424.39	42.6	J	mg/kg	5100	mg/kg	20	22
Vanadium	RI/FS	112257	477312.86	1348636.13	46.8	-	mg/kg	5100	mg/kg	0	0.5
Vanadium	RI/FS	112129	477309.74	1348528.82	49.9	J	mg/kg	5100	mg/kg	0	2
Vanadium	RI/FS	112254	477229.95	1348473.97	51.3	-	mg/kg	5100	mg/kg	0	0.5
Vanadium	RI/FS	112258	477384.73	1348571.91	51.9	-	mg/kg	5100	mg/kg	0	0.5
Vanadium	RI/FS	112255	477265.40	1348609.79	52.3	-	mg/kg	5100	mg/kg	0	0.5
Vanadium	RI/FS	112180	477395.53	1348495.36	54.8	-	mg/kg	5100	mg/kg	17	19
Vanadium	RI/FS	112091	477270.90	1348424.39	56.5	J	mg/kg	5100	mg/kg	0	1.5
Vanadium	RI/FS	112259	477350.83	1348368.24	59.1	-	mg/kg	5100	mg/kg	0	0.5
Vanadium	RI/FS	112181	477395.53	1348495.36	64.5	-	mg/kg	5100	mg/kg	19	21
Vanadium	RI/FS	112160	477395.53	1348495.36	66.3	-	mg/kg	5100	mg/kg	0	2
Vinyl chloride	RI/FS	112126	477270.90	1348424.39	11	UJ	ug/kg	130	ug/kg	29.5	31.5
Vinyl chloride	UNKNOWN	067155	477346.84	1348570.61	12	U	ug/kg	130	ug/kg	18	19.5
Vinyl chloride	UNKNOWN	067184	477272.52	1348486.90	12	U	ug/kg	130	ug/kg	29	30.5
Vinyl chloride	UNKNOWN	067193	477269.05	1348361.98	12	UJ	ug/kg	130	ug/kg	4.5	6
Vinyl chloride	UNKNOWN	067218	477269.05	1348361.98	12	U	ug/kg	130	ug/kg	41.5	43
Vinyl chloride	UNKNOWN	067506	477443.68	1348419.22	12	U	ug/kg	130	ug/kg	9.5	12
Vinyl chloride	RI/FS	112153	477309.74	1348528.82	12	U	ug/kg	130	ug/kg	20	22
Vinyl chloride	RI/FS	112241	477170.36	1348501.23	12	U	ug/kg	130	ug/kg	0	0.5
Vinyl chloride	RI/FS	112091	477270.90	1348424.39	13	UJ	ug/kg	130	ug/kg	0	1.5
Vinyl chloride	RI/FS	112092	477270.90	1348424.39	13	UJ	ug/kg	130	ug/kg	2	4
Vinyl chloride	RI/FS	112123	477270.90	1348424.39	13	UJ	ug/kg	130	ug/kg	25.5	27.5
Vinyl chloride	RI/FS	112160	477395.53	1348495.36	13	UJ	ug/kg	130	ug/kg	0	2
Vinyl chloride	RI/FS	112161	477395.53	1348495.36	13	UJ	ug/kg	130	ug/kg	2	4
Vinyl chloride	RI/FS	112180	477395.53	1348495.36	13	U	ug/kg	130	ug/kg	17	19
Vinyl chloride	RI/FS	112181	477395.53	1348495.36	13	U	ug/kg	130	ug/kg	19	21
Vinyl chloride	RI/FS	112252	477251.96	1348341.16	13	U	ug/kg	130	ug/kg	0	0.5
Vinyl chloride	RI/FS	112257	477312.86	1348636.13	13	UJ	ug/kg	130	ug/kg	0	0.5
Vinyl chloride	RI/FS	112258	477384.73	1348571.91	13	U	ug/kg	130	ug/kg	0	0.5
Vinyl chloride	UNKNOWN	067201	477269.05	1348361.98	14	UJ	ug/kg	130	ug/kg	16	17.5
Vinyl chloride	RI/FS	112117	477270.90	1348424.39	14	UJ	ug/kg	130	ug/kg	20	22
Vinyl chloride	RI/FS	112248	477224.32	1348641.68	14	UJ	ug/kg	130	ug/kg	0	0.5

000116

**APPENDIX A
VALIDATED BELOW-FRL DATA**

Parameter	Sampling Program	Sample ID	Northing	Easting	Result	Qualifier	Units	FRL	Units	Top Depth	Bottom Depth
Vinyl chloride	RI/FS	112249	477353.66	1348669.64	14	U	ug/kg	130	ug/kg	0	0.5
Vinyl chloride	RI/FS	112254	477229.95	1348473.97	14	U	ug/kg	130	ug/kg	0	0.5
Vinyl chloride	RI/FS	112255	477265.40	1348609.79	14	U	ug/kg	130	ug/kg	0	0.5
Vinyl chloride	RI/FS	112264	477204.08	1348281.83	14	U	ug/kg	130	ug/kg	0	0.5
Vinyl chloride	UNKNOWN	067149	477346.84	1348570.61	15	UJ	ug/kg	130	ug/kg	9	10.5
Vinyl chloride	RI/FS	112251	477414.67	1348588.29	15	U	ug/kg	130	ug/kg	0	0.5
Vinyl chloride	RI/FS	112259	477350.83	1348368.24	15	UJ	ug/kg	130	ug/kg	0	0.5
Vinyl chloride	RI/FS	112130	477309.74	1348528.82	62	UJ	ug/kg	130	ug/kg	2	4
Vinyl chloride	RI/FS	112145	477309.74	1348528.82	68	U	ug/kg	130	ug/kg	13	15
Vinyl chloride	RI/FS	112167	477395.53	1348495.36	68	U	ug/kg	130	ug/kg	8	10
Xylenes, Total	UNKNOWN	067155	477346.84	1348570.61	6	U	ug/kg	920000000	ug/kg	18	19.5
Xylenes, Total	UNKNOWN	067184	477272.52	1348486.90	6	U	ug/kg	920000000	ug/kg	29	30.5
Xylenes, Total	UNKNOWN	067218	477269.05	1348361.98	6	U	ug/kg	920000000	ug/kg	41.5	43
Xylenes, Total	UNKNOWN	067506	477443.68	1348419.22	6	U	ug/kg	920000000	ug/kg	9.5	12
Xylenes, Total	RI/FS	112126	477270.90	1348424.39	11	UJ	ug/kg	920000000	ug/kg	29.5	31.5
Xylenes, Total	RI/FS	112153	477309.74	1348528.82	12	U	ug/kg	920000000	ug/kg	20	22
Xylenes, Total	RI/FS	112241	477170.36	1348501.23	12	UJ	ug/kg	920000000	ug/kg	0	0.5
Xylenes, Total	RI/FS	112092	477270.90	1348424.39	13	UJ	ug/kg	920000000	ug/kg	2	4
Xylenes, Total	RI/FS	112123	477270.90	1348424.39	13	UJ	ug/kg	920000000	ug/kg	25.5	27.5
Xylenes, Total	RI/FS	112180	477395.53	1348495.36	13	U	ug/kg	920000000	ug/kg	17	19
Xylenes, Total	RI/FS	112181	477395.53	1348495.36	13	U	ug/kg	920000000	ug/kg	19	21
Xylenes, Total	RI/FS	112117	477270.90	1348424.39	14	UJ	ug/kg	920000000	ug/kg	20	22
Xylenes, Total	RI/FS	112248	477224.32	1348641.68	14	UJ	ug/kg	920000000	ug/kg	0	0.5
Xylenes, Total	RI/FS	112249	477353.66	1348669.64	14	UJ	ug/kg	920000000	ug/kg	0	0.5
Xylenes, Total	RI/FS	112264	477204.08	1348281.83	14	UJ	ug/kg	920000000	ug/kg	0	0.5
Xylenes, Total	RI/FS	112251	477414.67	1348588.29	15	UJ	ug/kg	920000000	ug/kg	0	0.5
Xylenes, Total	RI/FS	112130	477309.74	1348528.82	53	J	ug/kg	920000000	ug/kg	2	4
Xylenes, Total	RI/FS	112157	477309.74	1348528.82	1500	U	ug/kg	920000000	ug/kg	24	26

APPENDIX B

PREDESIGN SCANNING/SAMPLING DATA FROM A2PI NWUs

3310

APPENDIX B
PHYSICAL SAMPLES SURROUNDING THE AFP

SAMPLE ID	PARAMETER	DEPTH	RESULT	UNITS	QUALIFIER
A2P1-NWU-25-1-R	Radium-226	0-1 ft	1.2	pCi/g dry	NV
A2P1-NWU-25-2-R	Radium-226	1-2 ft	3.1	pCi/g dry	NV
A2P1-NWU-25-3-R	Radium-226	2-3 ft	1.2	pCi/g dry	NV
A2P1-NWU-26-1-R	Radium-226	0-1 ft	0.99	pCi/g dry	NV
A2P1-NWU-26-3-R	Radium-226	2-3 ft	0.87	pCi/g dry	NV
A2P1-NWU-26A-1-R	Radium-226	0-1 ft	0.98	pCi/g dry	NV
A2P1-NWU-26A-5-R	Radium-226	4-5 ft	0.56	pCi/g dry	NV
A2P1-NWU-26B-1-R	Radium-226	0-1 ft	0.9	pCi/g dry	NV
A2P1-NWU-26B-5-R	Radium-226	4-5 ft	0.72	pCi/g dry	NV
A2P1-NWU-26C1-1-R	Radium-226	0-1 ft	1.1	pCi/g dry	NV
A2P1-NWU-26C1-5-R	Radium-226	4-5 ft	0.91	pCi/g dry	NV
A2P1-NWU-26D-1-R	Radium-226	0-1 ft	0.99	pCi/g dry	NV
A2P1-NWU-26D-5-R	Radium-226	4-5 ft	1	pCi/g dry	NV
A2P1-NWU-27-1-R	Radium-226	0-1 ft	0.87	pCi/g dry	NV
A2P1-NWU-27-7-R	Radium-226	6-7 ft	0.71	pCi/g dry	NV
A2P1-NWU-28-1-R	Radium-226	0-1 ft	0.9	pCi/g dry	NV
A2P1-NWU-29-1-R	Radium-226	0-1 ft	1.1	pCi/g dry	NV
A2P1-NWU-30-1-R	Radium-226	0-1 ft	1	pCi/g dry	NV
A2P1-NWU-31-1-R	Radium-226	0-1 ft	1.3	pCi/g dry	NV
A2P1-NWU-32-1-R	Radium-226	0-1 ft	1.2	pCi/g dry	NV
A2P1-NWU-33-1-R	Radium-226	0-1 ft	1.3	pCi/g dry	NV
A2P1-NWU-34-1-R	Radium-226	0-1 ft	1.3	pCi/g dry	NV
A2P1-NWU-34-2-R	Radium-226	1-2 ft	1.5	pCi/g dry	NV
A2P1-NWU-35-1-R	Radium-226	0-1 ft	1	pCi/g dry	NV
A2P1-NWU-35-3-R	Radium-226	2-3 ft	1.4	pCi/g dry	NV
A2P1-NWU-39-2-R	Radium-226	1-2 ft	0.81	pCi/g dry	NV
A2P1-NWU-25-1-R	Radium-228	0-1 ft	0.7	pCi/g dry	NV
A2P1-NWU-25-2-R	Radium-228	1-2 ft	2.3	pCi/g dry	NV
A2P1-NWU-25-3-R	Radium-228	2-3 ft	0.76	pCi/g dry	NV
A2P1-NWU-26-1-R	Radium-228	0-1 ft	0.49	pCi/g dry	NV
A2P1-NWU-26-3-R	Radium-228	2-3 ft	0.78	pCi/g dry	NV
A2P1-NWU-26A-1-R	Radium-228	0-1 ft	0.5	pCi/g dry	NV
A2P1-NWU-26A-5-R	Radium-228	4-5 ft	0.28	pCi/g dry	NV
A2P1-NWU-26B-1-R	Radium-228	0-1 ft	0.65	pCi/g dry	NV
A2P1-NWU-26B-5-R	Radium-228	4-5 ft	0.37	pCi/g dry	NV
A2P1-NWU-26C1-1-R	Radium-228	0-1 ft	0.47	pCi/g dry	NV
A2P1-NWU-26C1-5-R	Radium-228	4-5 ft	0.68	pCi/g dry	NV
A2P1-NWU-26D-1-R	Radium-228	0-1 ft	0.63	pCi/g dry	NV
A2P1-NWU-26D-5-R	Radium-228	4-5 ft	0.57	pCi/g dry	NV
A2P1-NWU-27-1-R	Radium-228	0-1 ft	0.58	pCi/g dry	NV
A2P1-NWU-27-7-R	Radium-228	6-7 ft	0.29	pCi/g dry	NV
A2P1-NWU-28-1-R	Radium-228	0-1 ft	0.64	pCi/g dry	NV
A2P1-NWU-29-1-R	Radium-228	0-1 ft	0.92	pCi/g dry	NV
A2P1-NWU-30-1-R	Radium-228	0-1 ft	0.81	pCi/g dry	NV
A2P1-NWU-31-1-R	Radium-228	0-1 ft	1.1	pCi/g dry	NV
A2P1-NWU-32-1-R	Radium-228	0-1 ft	1.1	pCi/g dry	NV

**APPENDIX B
PHYSICAL SAMPLES SURROUNDING THE AFP**

SAMPLE ID	PARAMETER	DEPTH	RESULT	UNITS	QUALIFIER
A2P1-NWU-33-1-R	Radium-228	0-1 ft	1.1	pCi/g dry	NV
A2P1-NWU-34-1-R	Radium-228	0-1 ft	1	pCi/g dry	NV
A2P1-NWU-34-2-R	Radium-228	1-2 ft	1.3	pCi/g dry	NV
A2P1-NWU-35-1-R	Radium-228	0-1 ft	0.73	pCi/g dry	NV
A2P1-NWU-35-3-R	Radium-228	2-3 ft	1	pCi/g dry	NV
A2P1-NWU-39-2-R	Radium-228	1-2 ft	0.7	pCi/g dry	NV
A2P1-NWU-25-1-R	Thorium-228	0-1 ft	0.68	pCi/g dry	NV
A2P1-NWU-25-2-R	Thorium-228	1-2 ft	2.2	pCi/g dry	NV
A2P1-NWU-25-3-R	Thorium-228	2-3 ft	0.76	pCi/g dry	NV
A2P1-NWU-26-1-R	Thorium-228	0-1 ft	0.49	pCi/g dry	NV
A2P1-NWU-26-3-R	Thorium-228	2-3 ft	0.77	pCi/g dry	NV
A2P1-NWU-26A-1-R	Thorium-228	0-1 ft	0.49	pCi/g dry	NV
A2P1-NWU-26A-5-R	Thorium-228	4-5 ft	0.27	pCi/g dry	NV
A2P1-NWU-26B-1-R	Thorium-228	0-1 ft	0.64	pCi/g dry	NV
A2P1-NWU-26B-5-R	Thorium-228	4-5 ft	0.37	pCi/g dry	NV
A2P1-NWU-26C1-1-R	Thorium-228	0-1 ft	0.45	pCi/g dry	NV
A2P1-NWU-26C1-5-R	Thorium-228	4-5 ft	0.66	pCi/g dry	NV
A2P1-NWU-26D-1-R	Thorium-228	0-1 ft	0.62	pCi/g dry	NV
A2P1-NWU-26D-5-R	Thorium-228	4-5 ft	0.55	pCi/g dry	NV
A2P1-NWU-27-1-R	Thorium-228	0-1 ft	0.59	pCi/g dry	NV
A2P1-NWU-27-7-R	Thorium-228	6-7 ft	0.28	pCi/g dry	NV
A2P1-NWU-28-1-R	Thorium-228	0-1 ft	0.64	pCi/g dry	NV
A2P1-NWU-29-1-R	Thorium-228	0-1 ft	0.91	pCi/g dry	NV
A2P1-NWU-30-1-R	Thorium-228	0-1 ft	0.79	pCi/g dry	NV
A2P1-NWU-31-1-R	Thorium-228	0-1 ft	1.1	pCi/g dry	NV
A2P1-NWU-32-1-R	Thorium-228	0-1 ft	1.1	pCi/g dry	NV
A2P1-NWU-33-1-R	Thorium-228	0-1 ft	1.1	pCi/g dry	NV
A2P1-NWU-34-1-R	Thorium-228	0-1 ft	1	pCi/g dry	NV
A2P1-NWU-34-2-R	Thorium-228	1-2 ft	1.2	pCi/g dry	NV
A2P1-NWU-35-1-R	Thorium-228	0-1 ft	0.73	pCi/g dry	NV
A2P1-NWU-35-3-R	Thorium-228	2-3 ft	1	pCi/g dry	NV
A2P1-NWU-39-2-R	Thorium-228	1-2 ft	0.69	pCi/g dry	NV
A2P1-NWU-25-1-R	Thorium-232	0-1 ft	0.7	pCi/g dry	NV
A2P1-NWU-25-2-R	Thorium-232	1-2 ft	2.3	pCi/g dry	NV
A2P1-NWU-25-3-R	Thorium-232	2-3 ft	0.76	pCi/g dry	NV
A2P1-NWU-26-1-R	Thorium-232	0-1 ft	0.49	pCi/g dry	NV
A2P1-NWU-26-3-R	Thorium-232	2-3 ft	0.78	pCi/g dry	NV
A2P1-NWU-26A-1-R	Thorium-232	0-1 ft	0.5	pCi/g dry	NV
A2P1-NWU-26A-5-R	Thorium-232	4-5 ft	0.28	pCi/g dry	NV
A2P1-NWU-26B-1-R	Thorium-232	0-1 ft	0.65	pCi/g dry	NV
A2P1-NWU-26B-5-R	Thorium-232	4-5 ft	0.37	pCi/g dry	NV
A2P1-NWU-26C1-1-R	Thorium-232	4-5 ft	0.47	pCi/g dry	NV
A2P1-NWU-26C1-5-R	Thorium-232	4-5 ft	0.68	pCi/g dry	NV
A2P1-NWU-26D-1-R	Thorium-232	0-1 ft	0.63	pCi/g dry	NV
A2P1-NWU-26D-5-R	Thorium-232	4-5 ft	0.57	pCi/g dry	NV
A2P1-NWU-27-1-R	Thorium-232	0-1 ft	0.58	pCi/g dry	NV

APPENDIX B
PHYSICAL SAMPLES SURROUNDING THE AFP

- 3310

SAMPLE ID	PARAMETER	DEPTH	RESULT	UNITS	QUALIFIER
A2P1-NWU-27-7-R	Thorium-232	6-7 ft	0.29	pCi/g dry	NV
A2P1-NWU-28-1-R	Thorium-232	0-1 ft	0.64	pCi/g dry	NV
A2P1-NWU-29-1-R	Thorium-232	0-1 ft	0.92	pCi/g dry	NV
A2P1-NWU-30-1-R	Thorium-232	0-1 ft	0.81	pCi/g dry	NV
A2P1-NWU-31-1-R	Thorium-232	0-1 ft	1.1	pCi/g dry	NV
A2P1-NWU-32-1-R	Thorium-232	0-1 ft	1.1	pCi/g dry	NV
A2P1-NWU-33-1-R	Thorium-232	0-1 ft	1.1	pCi/g dry	NV
A2P1-NWU-34-1-R	Thorium-232	0-1 ft	1	pCi/g dry	NV
A2P1-NWU-34-2-R	Thorium-232	1-2 ft	1.3	pCi/g dry	NV
A2P1-NWU-35-1-R	Thorium-232	0-1 ft	0.73	pCi/g dry	NV
A2P1-NWU-35-3-R	Thorium-232	2-3 ft	1	pCi/g dry	NV
A2P1-NWU-39-2-R	Thorium-232	1-2 ft	0.7	pCi/g dry	NV
A2P1-NWU-25-1-R	Uranium, Total	0-1 ft	9.1	ug/g dry	NV
A2P1-NWU-25-2-R	Uranium, Total	1-2 ft	14	ug/g dry	NV
A2P1-NWU-25-3-R	Uranium, Total	2-3 ft	4.3	ug/g dry	NV
A2P1-NWU-26-1-R	Uranium, Total	0-1 ft	7.9	ug/g dry	NV
A2P1-NWU-26-3-R	Uranium, Total	2-3 ft	5.5	ug/g dry	NV
A2P1-NWU-26A-1-R	Uranium, Total	0-1 ft	9.5	ug/g dry	NV
A2P1-NWU-26A-5-R	Uranium, Total	4-5 ft	7.9	ug/g dry	NV
A2P1-NWU-26B-1-R	Uranium, Total	0-1 ft	9.2	ug/g dry	NV
A2P1-NWU-26B-5-R	Uranium, Total	4-5 ft	8.3	ug/g dry	NV
A2P1-NWU-26C1-1-R	Uranium, Total	0-1 ft	7.7	ug/g dry	NV
A2P1-NWU-26C1-5-R	Uranium, Total	4-5 ft	3.6	ug/g dry	NV
A2P1-NWU-26D-1-R	Uranium, Total	0-1 ft	7.9	ug/g dry	NV
A2P1-NWU-26D-5-R	Uranium, Total	4-5 ft	8.4	ug/g dry	NV
A2P1-NWU-27-1-R	Uranium, Total	0-1 ft	7.1	ug/g dry	NV
A2P1-NWU-27-7-R	Uranium, Total	6-7 ft	3.2	ug/g dry	NV
A2P1-NWU-28-1-R	Uranium, Total	0-1 ft	5.1	ug/g dry	NV
A2P1-NWU-29-1-R	Uranium, Total	0-1 ft	3.1	ug/g dry	NV
A2P1-NWU-30-1-R	Uranium, Total	0-1 ft	2.8	ug/g dry	UNV
A2P1-NWU-31-1-R	Uranium, Total	0-1 ft	6.5	ug/g dry	NV
A2P1-NWU-32-1-R	Uranium, Total	0-1 ft	3.1	ug/g dry	NV
A2P1-NWU-33-1-R	Uranium, Total	0-1 ft	5.2	ug/g dry	NV
A2P1-NWU-34-1-R	Uranium, Total	0-1 ft	3.3	ug/g dry	NV
A2P1-NWU-34-2-R	Uranium, Total	1-2 ft	2.6	ug/g dry	UNV
A2P1-NWU-35-1-R	Uranium, Total	0-1 ft	6.1	ug/g dry	NV
A2P1-NWU-35-3-R	Uranium, Total	2-3 ft	3	ug/g dry	NV
A2P1-NWU-39-2-R	Uranium, Total	1-2 ft	2.5	ug/g dry	NV

000121

000121

APPENDIX B
HPGe RESULTS FOR EAST OF THE AFP

LOCATION ID	NORTHING	EASTING	RADIUM-226 (p/Cig)	THORIUM-232 (p/Cig)	TOTAL URANIUM (ppm)
A2P1-NWU-86-G	477027	1348372	1.016	0.56	5.41E-02
A2P1-NWU-87-G	476984	1348553	1.299	0.786	15
A2P1-NWU-88-G	476986	1348586	1.344	0.947	20.5
A2P1-NWU-89-G	476989	1348610	1.505	0.882	20
A2P1-NWU-89-G-D	476989	1348610	1.377	0.927	19.7
A2P1-NWU-90-G	477044	1348653	1.972	1.12	20.8
A2P1-NWU-91-G	477071	1348665	2.263	1.07	16.7
A2P1-NWU-92-G	477048	1348597	1.571	0.681	9.69
A2P1-NWU-93-G	477325	1348746	1.038	0.709	13.3
A2P1-NWU-94-G	477294	1348741	1.141	0.733	11.8
A2P1-NWU-95-G	477275	1348756	1.147	0.813	12.7
A2P1-NWU-96-G	477259	1348733	1.12	0.726	12
A2P1-NWU-97-G	477230	1348731	1.167	0.704	12.1
A2P1-NWU-98-G	477366	1348676	1.28	0.736	6.15
A2P1-NWU-99-G	477354	1348799	0.976	0.743	14.2
A2P1-NWU-100-G	477376	1348827	1.416	0.917	20.2
A2P1-NWU-101-G	477343	1348814	0.838	0.64	15.6
A2P1-NWU-102-G	477307	1348812	0.982	0.711	21.8
A2P1-NWU-103-G	477273	1348811	1.069	0.707	18.3
A2P1-NWU-104-G	477253	1348827	1.953	1.18	29.9
A2P1-NWU-105-G	477246	1348803	1.17	0.732	18.6
A2P1-NWU-106-G	477223	1348794	1.105	0.727	12.9
A2P1-NWU-107-G	477239	1348772	1.177	0.769	11.4
A2P1-NWU-108-G	477193	1348779	1.42	0.902	20.4
A2P1-NWU-115-G	477428	1348670	1.123	0.763	10.6
A2P1-NWU-116-G	477044	1348653	1.513	1.02	22.1
A2P1-NWU-117-G	477071	1348665	1.634	1.08	18.6
A2P1-NWU-118-G	477253	1348827	2.138	1.55	38.8

1-3310

APPENDIX C

PRECERTIFICATION DATA

000123

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**APPENDIX C
AFP PRECERTIFICATION PHASE I HPGE RESULTS**

Sample ID	Northing	Easting	Radium-226 (pCi/g)	Thorium-232 (pCi/g)	Total Uranium (ppm)
A2P1-P1-1-G	477445.90	1348552.90	1.323	0.991	11.3
A2P1-P1-2-G	477533.70	1348337.40	1.421	0.809	11.3
A2P1-P1-3-G	477247.20	1348676.81	1.273	0.897	11.1
A2P1-P1-4-G	477141.91	1348564.08	1.223	0.875	9.3
A2P1-P1-5-G	477156.60	1348395.20	1.194	0.72	4.6
A2P1-P1-6-G	477363.90	1348584.70	1.418	0.737	<MDC
A2P1-P1-7-G	477466.77	1348495.34	1.515	0.96	9.11
A2P1-P1-8-G	477416.42	1348621.96	1.417	0.993	<MDC
A2P1-P1-9-G	477290.00	1348370.00	1.184	0.767	7.34
A2P1-P1-10-G	477317.00	1348306.00	1.099	0.585	5.95
A2P1-P1-11-G	477512.00	1348399.00	0.837	0.625	7.8
A2P1-P1-12-G	477467.00	1348431.00	1.079	0.711	5.24
A2P1-P1-12-G-D	477467.00	1348431.00	1.118	0.742	8.72
A2P1-P1-13-G	477439.00	1348431.00	1.006	0.642	5.53

APPENDIX C
BASIN 3 BOTTOM SURFACE PRECERTIFICATION SAMPLE RESULTS

Sample ID	Northing	Easting	Elevation	Total Uranium (ppm)
A2P1-AFP-PRE-1	477089.25	1348436.23	533.25	3.22
A2P1-AFP-PRE-2	477078.63	1348472.41	532.67	8.52
A2P1-AFP-PRE-3	477072.88	1348503.24	533.07	3.71
A2P1-AFP-PRE-4	477067.14	1348534.16	533.39	3.3

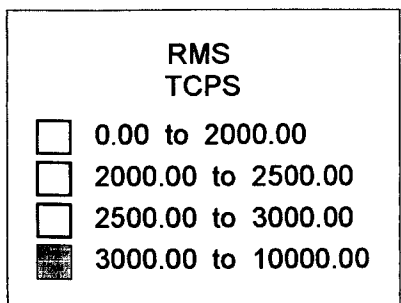
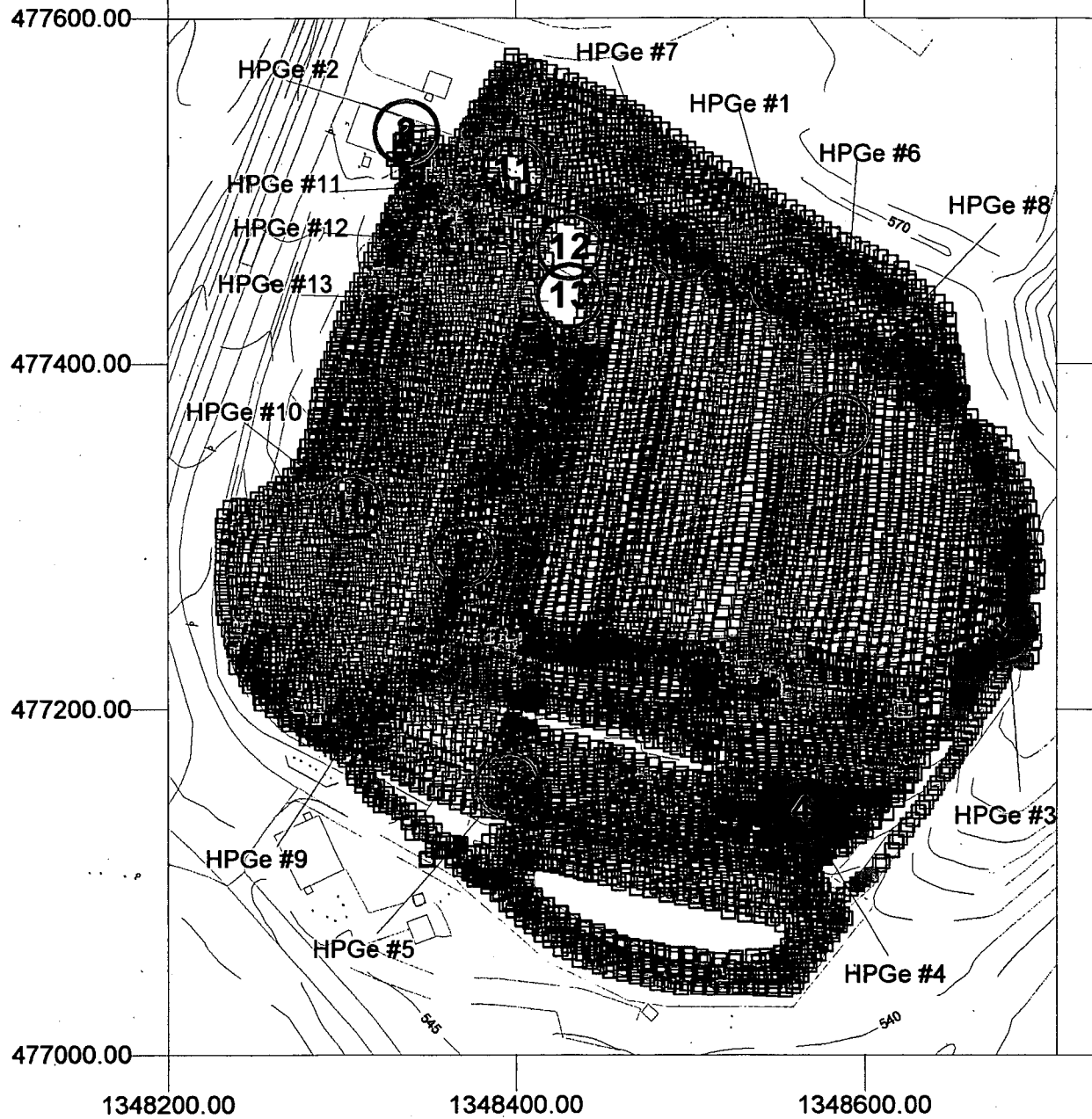
Appendix C

A2P1 Active Flyash Pile PreCert Scan

Total Gross Counts per Second

N 3310

RTRK batch # 842, 843
 RSS1 batch # 630-633
 HPGe Det# 30716, 31204, 40743
 Single Spectra Coverage Plot (Field of View to Scale)
 Measurement Dates: 10/02/00 - 10/09/00



HPGe locations shown for coverage only

RTIMP DWG Title: AFP-PC-TC-1PT-MC.srf
 Project Name: A2P1 PreCert R/T Scan
 Project Number: 20400-PSP-0003
 Prepared By: Brian McDaniel
 File Name: AFP_PC_TC_1PT_MC.srf
 Date Prepared: 10/10/00

000126

Appendix C

A2P1 Active Flyash Pile PreCert Scan

Moisture Corrected Total Uranium

RTRK batch # 842, 843

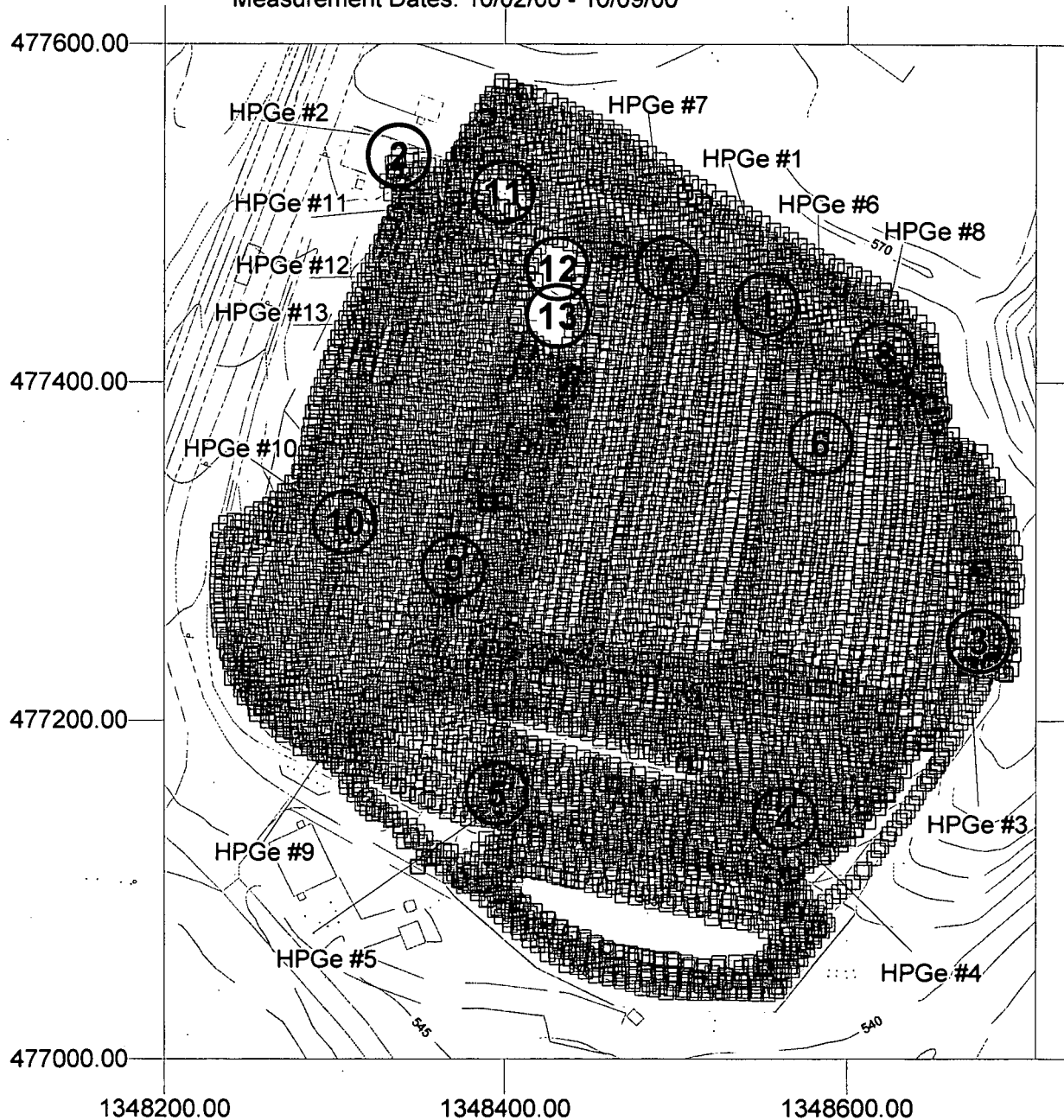
RSS1 batch # 630-633

HPGe Det# 30716, 31204, 40743

RMS Two Spectra Average Coverage Plot (Field of View to Scale)

Measurement Dates: 10/02/00 - 10/09/00

N 3310



RMS
Total Uranium (ppm)

- ☐ -60.75 to 50.00
- ☐ 50.00 to 100.00
- ☒ 100.00 to 10000.00

HPGe
Total Uranium (ppm)

- ☐ 0.00 to 10.00
- ☐ 10.00 to 20.00
- ☐ 20.00 to 30.00
- ☒ 30.00 to 10000.00

RTIMP.DWG Title: AFP-PC-TU-2PT-MC.srf

Project Name: A2P1 PreCert R/T Scan

Project Number: 20400-PSP-0003

Prepared By: Brian McDaniel

File Name: AFP_PC_TU_2PT_MC.srf

Date Prepared: 10/10/00

000127

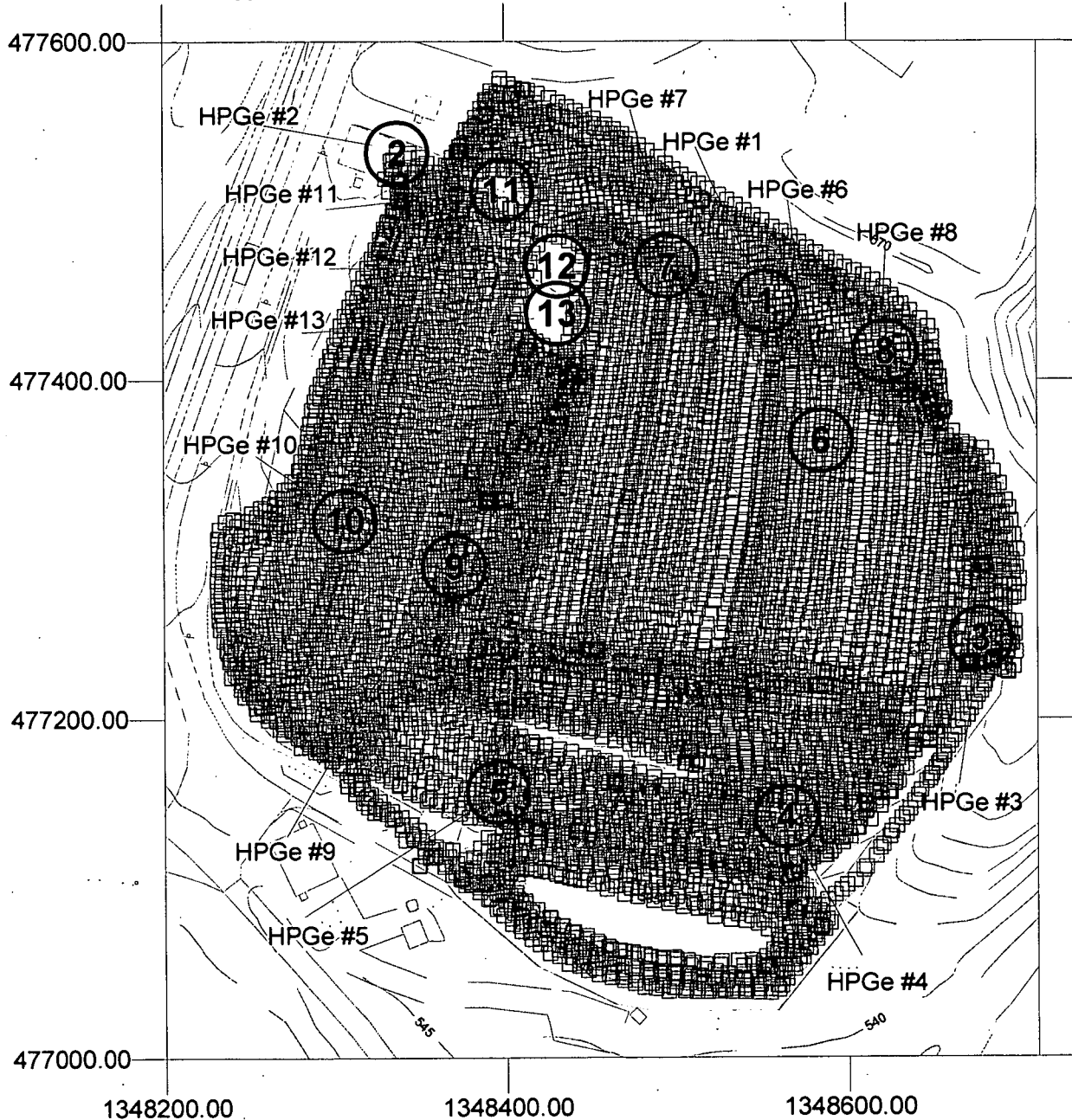
Appendix C

A2P1 Active Flyash Pile PreCert Scan

Radon & Moisture Corrected Radium-226

3310

RTRK batch # 842, 843
 RSS1 batch # 630-633
 HPGe Det# 30716, 31204, 40743
 RMS Two Spectra Average Coverage Plot (Field of View to Scale)
 Measurement Dates: 10/02/00 - 10/09/00



RMS RA-226 (pCi/g)	
	-0.15 to 1.70
	1.70 to 3.40
	3.40 to 5.10
	5.10 to 10000.00

HPGe Ra-226 (pCi/g)	
	0.00 to 1.70
	1.70 to 3.40
	3.40 to 5.10
	5.10 to 10000.00

RTIMP DWG Title: AFP-PC-RA-2PT-MC.srf
 Project Name: A2P1 PreCert R/T Scan
 Project Number: 20400-PSP-0003
 Prepared By: Brian McDaniel
 File Name: AFP_PC_RA_2PT_MC.srf
 Date Prepared: 10/10/00

000128

Appendix C

A2P1 Active Flyash Pile PreCert Scan

3310

N

Moisture Corrected Thorium-232

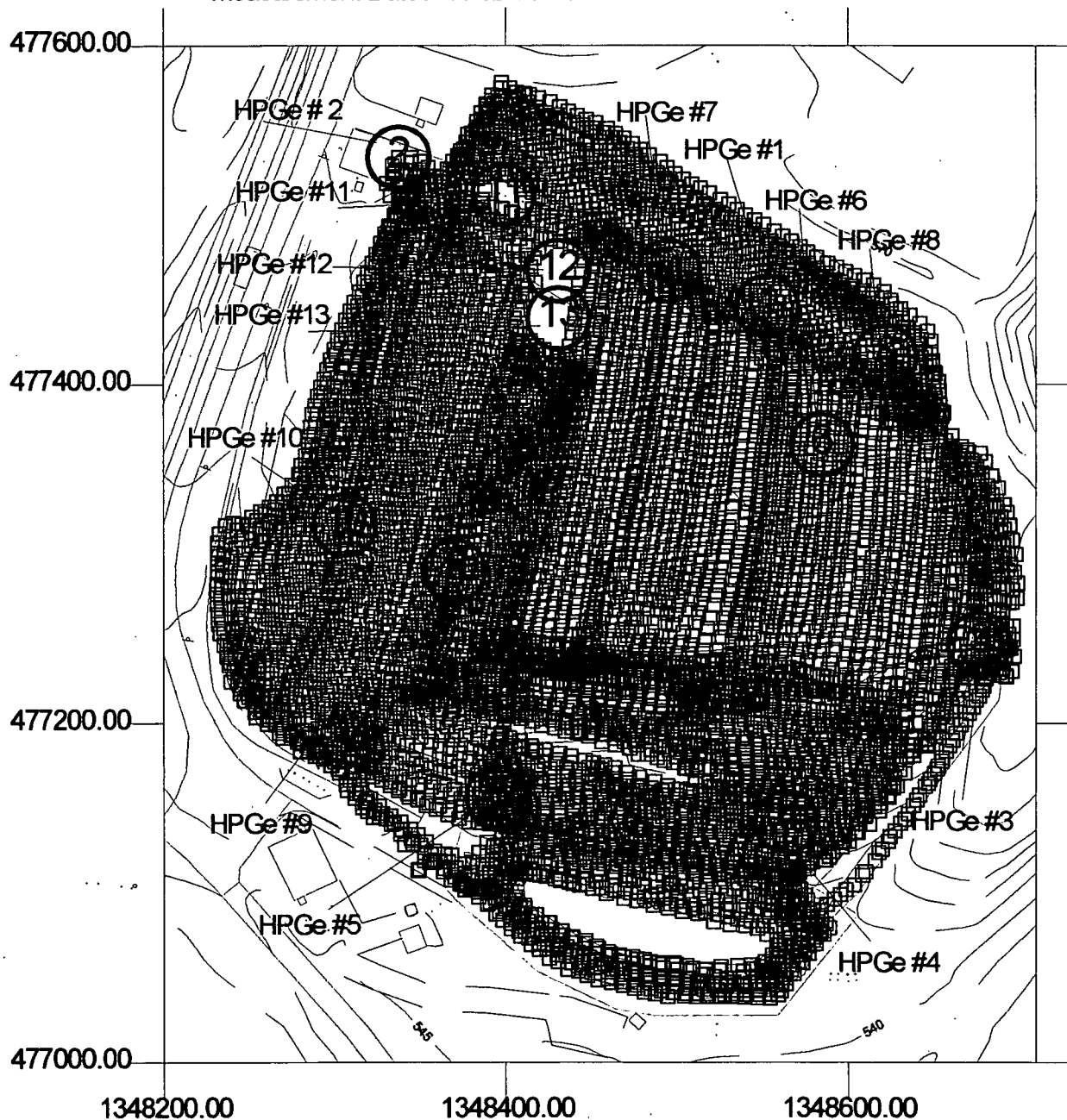
RTRK batch # 842, 843

RSS1 batch # 630-633

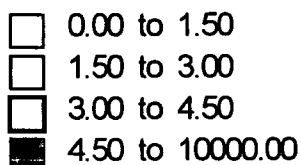
HPGe Det# 30716, 31204, 40743

RMS Two Spectra Average Coverage Plot (Field of View to Scale)

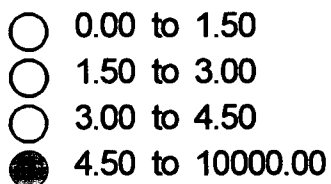
Measurement Dates: 10/02/00 - 10/09/00



RMS
TH-232 (pCi/g)



HPGe Th-232 (pCi/g)



RTIMP DWG Title: AFP-PC-TH-2PT-MC.srf
Project Name: A2P1 PreCert R/T Scan
Project Number: 20400-PSP-0003
Prepared By: Brian McDaniel
File Name: AFP_PC_TH_2PT_MC.srf
Date Prepared: 10/10/00

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Appendix C

A2P1 Active Flyash Pile PreCert Scan

Moisture Corrected Total Uranium

HPGe Det# 30716, 31204, 40743

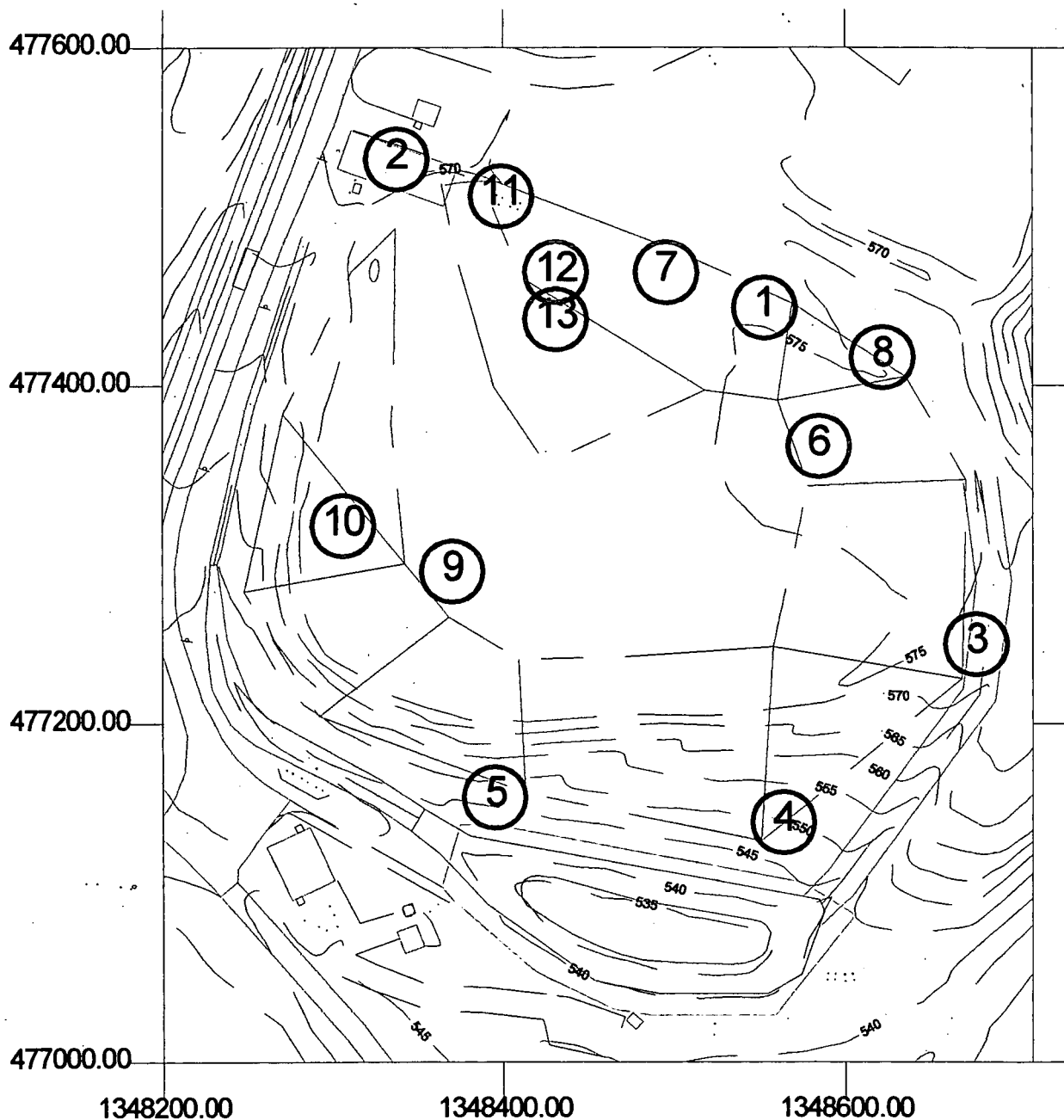
Single Spectra

Coverage Plot (Field of View to Scale)

Measurement Dates: 10/04/00 - 10/09/00

3310

N



HPGe Tot U (ppm)

- 0.00 to 10.00
- 10.00 to 20.00
- 20.00 to 30.00
- 30.00 to 10000.00

RTIMP DWG Title: AFP-PC-HPGe-TU-1PT-MC.srf

Project Name: A2P1 PreCert R/T Scan

Project Number: 20400-PSP-0003

Prepared By: Brian McDaniel

File Name: AFP_PC_HPGe_TU_1PT_MC.srf

Date Prepared: 10/10/00

000130

3310

Appendix C

A2P1 Active Flyash Pile PreCert Scan

Radon & Moisture Corrected Radium-226

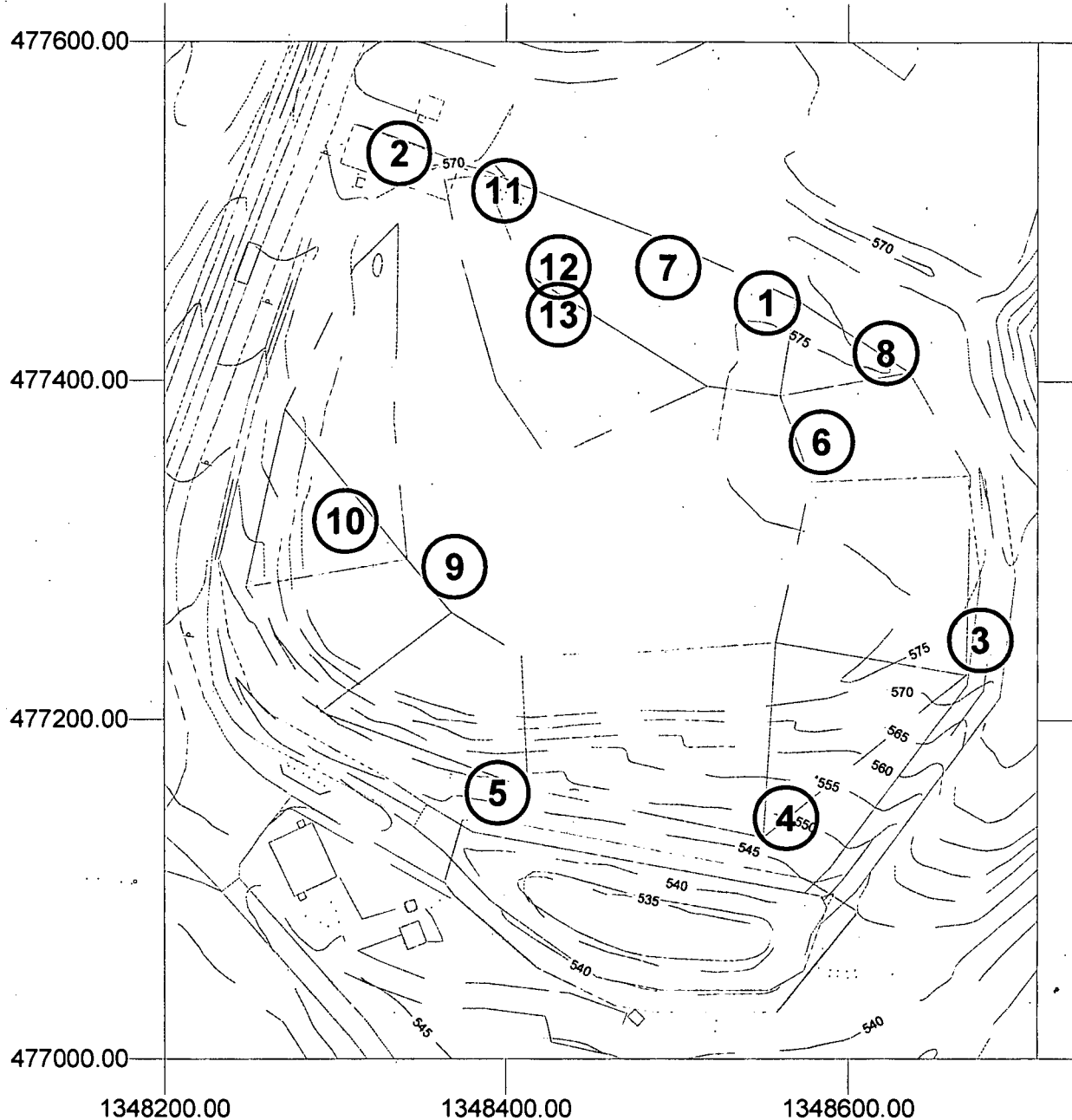
HPGe Det# 30716, 31204, 40743

Single Spectra

Coverage Plot (Field of View to Scale)

Measurement Dates: 10/04/00 - 10/10/00

N



HPGe Ra-226 (pCi/g)

○ 0.00 to 1.70

○ 1.70 to 3.40

○ 3.40 to 5.10

⊗ 5.10 to 10000.00

RTIMP DWG Title: AFP-PC-HPGe-RA-1PT-MC.srf

Project Name: A2P1 PreCert R/T Scan

Project Number: 20400-PSP-0003

Prepared By: Brian McDaniel

File Name: AFP_PC_HPGe_RA_1PT_MC.srf

Date Prepared: 10/10/00

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Appendix C

A2P1 Active Flyash Pile PreCert Scan

Moisture Corrected Thorium-232

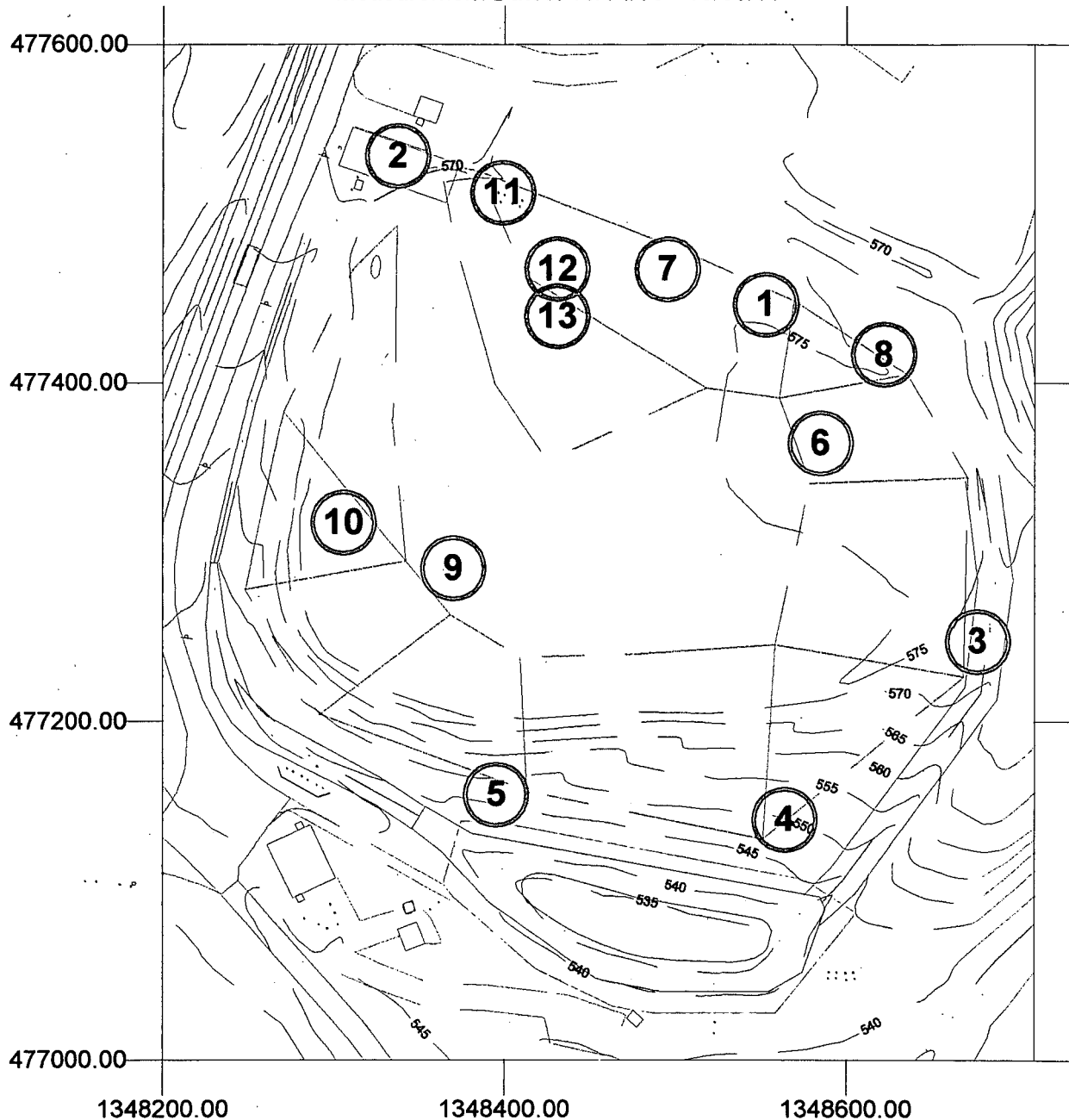
HPGe Det# 30716, 31204, 40743

Single Spectra

Coverage Plot (Field of View to Scale)

Measurement Dates: 10/04/00 - 10/09/00

N 3310



HPGe Th-232 (pCi/g)

- 0.00 to 1.50
- 1.50 to 3.00
- 3.00 to 4.50
- 4.50 to 10000.00

RTIMP DWG Title: AFP-PC-HPGe-TH-1PT-MC.srf

Project Name: A2P1 PreCert R/T Scan

Project Number: 20400-PSP-0003

Prepared By: Brian McDaniel

File Name: AFP_PC_HPGe_TH_1PT_MC.srf

Date Prepared: 10/10/00

000132